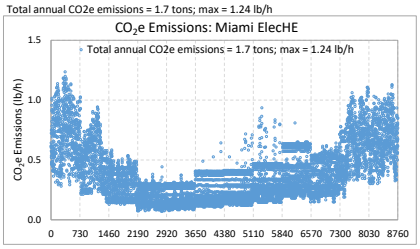
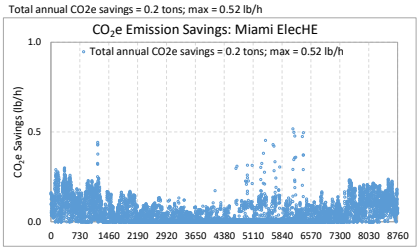
		203.584	3197.742	14438.33	0	0	0	LRMER	gas_CO2	3396.76963	0	3396.76963	393.188635
Julian Date	Hour	Cooling Tc	Heating Tc	Energy To	GasHeat T	GasDHW	GasTotal (	lbCO2/kWh	lbCO2/therm	elecCO2	gas lbCO2	tot CO2	SaveCO2
1	1	0	1.274	1.938104	0	0	0	0.3318072	11.76	0.64307687	0	0.64307687	0.15893956
1	2	0	1.312	1.858898	0	0	0	0.3325028	11.76	0.61808882	0	0.61808882	0.16193091
1	3	0	1.312	1.779426	0	0	0	0.3399915	11.76	0.60498963	0	0.60498963	0.15503714
1	4	0	1.271	1.823648	0	0	0	0.336467	11.76	0.61359734	0	0.61359734	0.15208417
1	5	0	1.147	1.747656	0	0	0	0.3295366	11.76	0.57591681	0	0.57591681	0.12687255
1	6	0	0.865	1.854053	0	0	0	0.3312948	11.76	0.61423832	0	0.61423832	0.10071501
1	7	0	0.95	2.198592	0	0	0	0.3296946	11.76	0.72486408	0	0.72486408	0.09660429
1	8	0	0.987	2.591321	0	0	0	0.289236	11.76	0.7495033	0	0.7495033	0.09574342
1	9	0	0.839	2.264486	0	0	0	0.2360667	11.76	0.53456974	0	0.53456974	0.06067573
1	10	0	0.791	2.215286	0	0	0	0.2357662	11.76	0.52228954	0	0.52228954	0.05022907
1	11	0	0.644	1.979271	0	0	0	0.2398607	11.76	0.47474948	0	0.47474948	0.03647226
1	12	0	0.603	1.891807	0	0	0	0.246222	11.76	0.46580446	0	0.46580446	0.03547066
1	13	0	0.895	2.134128	0	0	0	0.2441915	11.76	0.52113589	0	0.52113589	0.04958358
1	14	0	0.827	1.993012	0	0	0	0.232244	11.76	0.46286501	0	0.46286501	0.05366009
1	15	0	0.793	2.011678	0	0	0	0.2397263	11.76	0.48225218	0	0.48225218	0.04963479
1	16	0	0.891	2.150403	0	0	0	0.2839024	11.76	0.61050458	0	0.61050458	0.07467683
1	17	0	0.912	2.415912	0	0	0	0.3406941	11.76	0.82308714	0	0.82308714	0.10153939
1	18	0	0.843	2.711388	0	0	0	0.3353282	11.76	0.90920473	0	0.90920473	0.08753222
1	19	0	0.853	2.811803	0	0	0	0.3404812	11.76	0.95736608	0	0.95736608	0.10692186
1	20	0	0.825	2.976946	0	0	0	0.3359009	11.76	0.99995884	0	0.99995884	0.10548252
1	21	0	0.915	3.008934	0	0	0	0.3376773	11.76	1.01604877	0	1.01604877	0.12495223
1	22	0	0.911	2.749688	0	0	0	0.3348156	11.76	0.9206385	0	0.9206385	0.13226556
1	23	0	0.99	2.404962	0	0	0	0.3257487	11.76	0.78341312	0	0.78341312	0.12933467
1	24	0	1.076	2.191863	0	0	0	0.3269308	11.76	0.71658752	0	0.71658752	0.14385666
2	1	0	1.05	1.714104	0	0	0	0.3318072	11.76	0.56875206	0	0.56875206	0.13770386
2	2	0	1.153	1.699898	0	0	0	0.3325028	11.76	0.5652209	0	0.5652209	0.14397572
2	3	0	1.172	1.639426	0	0	0	0.3399915	11.76	0.55739082	0	0.55739082	0.14755734
2	4	0	1.08	1.632648	0	0	0	0.336467	11.76	0.54933224	0	0.54933224	0.1355972
2	5	0	1.134	1.734656	0	0	0	0.3295366	11.76	0.57163283	0	0.57163283	0.12753157
2	6	0	1.105	2.094054	0	0	0	0.3312948	11.76	0.69374908	0	0.69374908	0.13384446
2	7	0	1.056	2.304593	0	0	0	0.3296946	11.76	0.75981177	0	0.75981177	0.11935322
2	8	0	0.963	2.567321	0	0	0	0.289236	11.76	0.74256165	0	0.74256165	0.08764478
2	9	0	1.003	2.428486	0	0	0	0.2360667	11.76	0.5732847	0	0.5732847	0.0781447
2	10	0	0.952	2.376286	0	0	0	0.2357662	11.76	0.56024791	0	0.56024791	0.06413933
2	11	0	0.7	2.035271	0	0	0	0.2398607	11.76	0.48818168	0	0.48818168	0.04822544
2	12	0	0.58	1.868807	0	0	0	0.246222	11.76	0.46014135	0	0.46014135	0.03423952
2	13	0	0.658	1.897128	0	0	0	0.2441915	11.76	0.46326251	0	0.46326251	0.03859495
2	14	0	0.597	1.763012	0	0	0	0.232244	11.76	0.40944889	0	0.40944889	0.03090017
2	15	0	0.65	1.868678	0	0	0	0.2397263	11.76	0.44797131	0	0.44797131	0.04148408
2	16	0	0.661	1.920403	0	0	0	0.2839024	11.76	0.54520705	0	0.54520705	0.05565536
2	17	0	0.599	2.102912	0	0	0	0.3406941	11.76	0.71644982	0	0.71644982	0.07189904
2	18	0	0.515	2.383388	0	0	0	0.3353282	11.76	0.79921706	0	0.79921706	0.05869409
2	19	0	0.524	2.482803	0	0	0	0.3404812	11.76	0.84534776	0	0.84534776	0.06470217
2	20	0	0.507	2.658947	0	0	0	0.3359009	11.76	0.89314242	0	0.89314242	0.05644095
2	21	0	0.602	2.695934	0	0	0	0.3376773	11.76	0.91035579	0	0.91035579	0.06720933
2	22	0	0.715	2.553689	0	0	0	0.3348156	11.76	0.8550147	0	0.8550147	0.08271277
2	23	0	0.813	2.227962	0	0	0	0.3257487	11.76	0.72575559	0	0.72575559	0.09285083
2	24	0	0.822	1.937863	0	0	0	0.3269308	11.76	0.63354708	0	0.63354708	0.09514396
3	1	0	0.857	1.521104	0	0	0	0.3318072	11.76	0.50471328	0	0.50471328	0.08959182
3	2	0	0.707	1.253898	0	0	0	0.3325028	11.76	0.41692467	0	0.41692467	0.07248761
3	3	0	0.738	1.205426	0	0	0	0.3399915	11.76	0.40983454	0	0.40983454	0.0727592
3	4	0	0.759	1.311648	0	0	0	0.336467	11.76	0.4413263	0	0.4413263	0.08479068
3	5	0	0.831	1.431656	0	0	0	0.3295366	11.76	0.47178316	0	0.47178316	0.09490753
3	6	0	0.786	1.775053	0	0	0	0.3312948	11.76	0.58806599	0	0.58806599	0.08878844
3	7	0	0.75	1.998592	0	0	0	0.3296946	11.76	0.65892518	0	0.65892518	0.0784711
3	8	0	0.836	2.440321	0	0	0	0.289236	11.76	0.70582872	0	0.70582872	0.07925686
3	9	0	0.857	2.282485	0	0	0	0.2360667	11.76	0.53881892	0	0.53881892	0.06681353
3	10	0	0.816	2.240286	0	0	0	0.2357662	11.76	0.52818366	0	0.52818366	0.05965976
3	11	0	0.492	1.827271	0	0	0	0.2398607	11.76	0.43829061	0	0.43829061	0.02304012
3	12	0	0.566	1.854807	0	0	0	0.246222	11.76	0.45669426	0	0.45669426	0.0406413
3	13	0	0.43	1.669128	0	0	0	0.2441915	11.76	0.40758683	0	0.40758683	0.02492025
3	14	0	0.404	1.570012	0	0	0	0.232244	11.76	0.36462578	0	0.36462578	0.02091368
3	15	0	0.469	1.687678	0	0	0	0.2397263	11.76	0.40458085	0	0.40458085	0.02494299
3	16	0	0.566	1.825403	0	0	0	0.2839024	11.76	0.51823631	0	0.51823631	0.04401536
3	17	0	0.642	2.145912	0	0	0	0.3406941	11.76	0.73109966	0	0.73109966	0.0637224
3	18	0	0.635	2.503388	0	0	0	0.3353282	11.76	0.83945641	0	0.83945641	0.07378388
3	19	0	0.673	2.631803	0	0	0	0.3404812	11.76	0.89607944	0	0.89607944	0.07798095
3	20	0	0.611	2.762947	0	0	0	0.3359009	11.76	0.92807614	0	0.92807614	0.07995399
3	21	0	0.628	2.721934	0	0	0	0.3376773	11.76	0.91913541	0	0.91913541	0.08915838
3	22	0	0.664	2.502688	0	0	0	0.3348156	11.76	0.83793906	0	0.83793906	0.08974395
3	23	0	0.744	2.158962	0	0	0	0.3257487	11.76	0.70327893	0	0.70327893	0.09285083
3	24	0	0.882	1.997863	0	0	0	0.3269308	11.76	0.65316291	0	0.65316291	0.10625965
4	1	0	1.025	1.689104	0	0	0	0.3318072	11.76	0.56045688	0	0.56045688	0.11978626
4	2	0	1.057	1.603898	0	0	0	0.3325028	11.76	0.53330065	0	0.53330065	0.11837296
4	3	0	1.093	1.560426	0	0	0	0.3399915	11.76	0.53053153	0	0.53053153	0.12851778
4	4	0	1.194	1.746648	0	0	0	0.336467	11.76	0.58768942	0	0.58768942	0.1413172
4	5	0	1.209	1.809656	0	0	0	0.3295366	11.76	0.5963481	0	0.5963481	0.140054
4	6	0	1.215	2.204053	0	0	0	0.3312948	11.76	0.73019147	0	0.73019147	0.14312076
4	7	0	1.067	2.315593	0	0	0	0.3296946	11.76	0.76343839	0	0.76343839	0.12990339
4	8	0	1.201	2.805321	0	0	0	0.289236	11.76	0.8113998	0	0.8113998	0.13768264
4	9	0	1.176	2.601486	0	0	0	0.2360667	11.76	0.61412427	0	0.61412427	0.09136438
4	10	0	1.18	2.604286	0	0	0	0.2357662	11.76	0.61400259	0	0.61400259	0.08983784
4	11	0	0.934	2.269271	0	0	0	0.2398607	11.76	0.54430908	0	0.54430908	0.06477583
4	12	0	0.858	2.146807	0	0	0	0.246222	11.76	0.5285911	0	0.5285911	0.05615327
4	13	0	0.65	1.889128	0	0	0	0.2441915	11.76	0.46130894	0	0.46130894	0.03590892
4	14	0	0.625	1.791012	0	0	0	0.232244	11.76	0.41595172	0	0.41595172	0.03066791
4	15	0	0.571	1.789678	0	0	0	0.2397263	11.76	0.42903293	0	0.42903293	0.02734025
4	16	0	0.593	1.852403	0	0	0	0.2839024	11.76	0.52590166	0	0.52590166	0.03635001
4	17	0	0.676	2.179912	0	0	0	0.3406941	11.76	0.74268331	0	0.74268331	0.05758978
4	18	0	0.717	2.585388	0	0	0	0.3353282	11.76	0.86695332	0	0.86695332	0.06607133
4	19	0	0.905	2.863803	0	0	0	0.3404812	11.76	0.97507112	0	0.97507112	0.09364308
4	20	0	0.923	3.074946	0	0	0	0.3359009	11.76	1.03287714	0	1.03287714	0.10548252
4	21	0	0.948	3.041934	0	0	0	0.3376773	11.76	1.02719212	0	1.02719212	0.11380888
4	22	0	0.998	2.836688	0	0	0	0.3348156	11.76	0.94976742	0	0.94976742	0.12155152
4	23	0	1.18	2.594962	0	0	0	0.3257487	11.76	0.84530538	0	0.84530538	0.14366758
4	24	0	1.32	2.435863	0	0	0	0.3269308	11.76	0.79635862	0	0.79635862	0.15399148
5	1	0	1.548	2.212104	0	0	0	0.3318072	11.76	0.7339921	0	0.7339921	0.18415682
5	2	0	1.553	2.099898	0	0	0	0.3325028	11.76	0.69822205	0	0.69822205	0.186536
5	3	0	1.622	2.089426	0	0	0	0.3399915	11.76	0.71038699	0	0.71038699	0.19855606
5	4	0	1.771	2.324648	0	0	0	0.336467	11.76	0.78216736	0	0.78216736	0.21500343
5	5	0	1.798	2.399656	0	0	0	0.3295366	11.76	0.79077469	0	0.79077469	0.21617695
5	6	0	1.837	2.826053	0	0	0	0.3312948	11.76	0.93625685	0	0.93625685	0.23091392
5	7	0	1.709	2.957592	0	0	0	0.3296946	11.76	0.97510232	0	0.97510232	0.20738159
5	8	0	1.721	3.325321	0	0	0	0.289236	11.76	0.96180253	0	0.96180253	0.177308
5	9	0	1.545	2.970486	0	0	0	0.2360667	11.76	0.70123289	0	0.70123289	0.1166236
5	10	0	0.92	2.344286	0	0	0	0.2357662	11.76	0.55270337	0	0.55270337	0.05329409
5	11	0	1.092	2.427271	0	0	0	0.2398607	11.76	0.58220708	0	0.58220708	0.07844787
5	12	0	1.061	2.349807	0	0	0	0.246222	11.76	0.57857412	0	0.57857412	0.06723328
5	13	0	1.053	2.292128	0	0	0	0.2441915	11.76	0.55971814	0	0.55971814	0.0664328
5	14	0	0.557	1.723012	0	0	0	0.232244	11.76	0.40015911	0	0.40015911	0.00233418
5	15	0	0.096	1.314678	0	0	0	0.2397263	11.76	0.31516292	0	0.31516292	1.146E-05
5	16	0	0.096	1.355403	0	0	0	0.2839024	11.76	0.38480216	0	0.38480216	1.0492E-05
5	17	0	0.33	1.832912	0	0	0	0.3406941	11.76	0.62446241	0	0.62446241	-0.0262209
5	18	0	0.601	2.469388	0	0	0	0.3353282	11.76	0.82805528	0	0.82805528	0.03890972
5	19	0	0.849	2.807803	0	0	0	0.3404812	11.76	0.95600409	0	0.95600409	0.09500507
5	20	0	0.959	3.110946	0	0	0	0.3359009	11.76	1.04496958	0	1.04496958	0.12462885

Total annual CO2e emissions = 1.7 tons; max = 1.24 lb/h



Total annual CO2e savings = 0.2 tons; max = 0.52 lb/h



5	21	0	1.007	3.100934	0	0	0	0.3376773	11.76	1.04711508	0	1.04711508	0.14217381
5	22	0	1.135	2.973688	0	0	0	0.3348156	11.76	0.99563718	0	0.99563718	0.16876044
5	23	0	1.45	2.864962	0	0	0	0.3257487	11.76	0.93325752	0	0.93325752	0.2045826
5	24	0	1.602	2.717863	0	0	0	0.3269308	11.76	0.88855313	0	0.88855313	0.21218515
6	1	0	1.84	2.504104	0	0	0	0.3318072	11.76	0.83087975	0	0.83087975	0.24852758
6	2	0	1.904	2.450898	0	0	0	0.3325028	11.76	0.81493055	0	0.81493055	0.26301165
6	3	0	1.978	2.446426	0	0	0	0.3399915	11.76	0.831764	0	0.831764	0.29069381
6	4	0	1.96	2.513648	0	0	0	0.336467	11.76	0.84575967	0	0.84575967	0.27321217
6	5	0	1.922	2.523656	0	0	0	0.3295366	11.76	0.83163726	0	0.83163726	0.25506228
6	6	0	1.931	2.920053	0	0	0	0.3312948	11.76	0.96739859	0	0.96739859	0.25940518
6	7	0	1.966	3.214592	0	0	0	0.3296946	11.76	1.05983382	0	1.05983382	0.25617647
6	8	0	2.021	3.625321	0	0	0	0.289236	11.76	1.04857332	0	1.04857332	0.22705651
6	9	0	1.922	3.347486	0	0	0	0.2360667	11.76	0.79023002	0	0.79023002	0.16666973
6	10	0	1.544	2.968286	0	0	0	0.2357662	11.76	0.69982151	0	0.69982151	0.11671521
6	11	0	1.285	2.620271	0	0	0	0.2398607	11.76	0.62850016	0	0.62850016	0.09164029
6	12	0	0.961	2.249807	0	0	0	0.246222	11.76	0.55395195	0	0.55395195	0.05295238
6	13	0	0.766	2.005128	0	0	0	0.2441915	11.76	0.4896352	0	0.4896352	0.03126921
6	14	0	0.651	1.817012	0	0	0	0.232244	11.76	0.42199007	0	0.42199007	0.02602304
6	15	0	0.436	1.654678	0	0	0	0.2397263	11.76	0.39666988	0	0.39666988	-0.0002283
6	16	0	0.487	1.746403	0	0	0	0.2839024	11.76	0.49580802	0	0.49580802	0.00937927
6	17	0	0.817	2.320912	0	0	0	0.3406941	11.76	0.79072119	0	0.79072119	0.07189896
6	18	0	0.983	2.851388	0	0	0	0.3353282	11.76	0.95615063	0	0.95615063	0.10832266
6	19	0	1.107	3.065803	0	0	0	0.3404812	11.76	1.0438483	0	1.0438483	0.13279843
6	20	0	1.13	3.281946	0	0	0	0.3359009	11.76	1.10240863	0	1.10240863	0.14511884
6	21	0	1.178	3.271934	0	0	0	0.3376773	11.76	1.1048579	0	1.1048579	0.15804462
6	22	0	1.319	3.157688	0	0	0	0.3348156	11.76	1.05724326	0	1.05724326	0.18215305
6	23	0	1.488	2.902962	0	0	0	0.3257487	11.76	0.94563592	0	0.94563592	0.19448442
6	24	0	1.683	2.798863	0	0	0	0.3269308	11.76	0.91503447	0	0.91503447	0.21905083
7	1	0	1.822	2.486104	0	0	0	0.3318072	11.76	0.82490725	0	0.82490725	0.23923687
7	2	0	1.908	2.454898	0	0	0	0.3325028	11.76	0.81626055	0	0.81626055	0.25669416
7	3	0	1.952	2.420426	0	0	0	0.3399915	11.76	0.82292421	0	0.82292421	0.26791433
7	4	0	1.966	2.519648	0	0	0	0.336467	11.76	0.84777848	0	0.84777848	0.25975342
7	5	0	2.005	2.606656	0	0	0	0.3295366	11.76	0.85898878	0	0.85898878	0.25835765
7	6	0	1.973	2.962054	0	0	0	0.3312948	11.76	0.98131299	0	0.98131299	0.25576097
7	7	0	1.958	3.206593	0	0	0	0.3296946	11.76	1.0571963	0	1.0571963	0.24661539
7	8	0	2.106	3.710321	0	0	0	0.289236	11.76	1.07315839	0	1.07315839	0.24151836
7	9	0	2.1	3.525486	0	0	0	0.2360667	11.76	0.83224989	0	0.83224989	0.19122069
7	10	0	1.705	3.129286	0	0	0	0.2357662	11.76	0.73777981	0	0.73777981	0.13298314
7	11	0	1.536	2.871271	0	0	0	0.2398607	11.76	0.68870524	0	0.68870524	0.11850463
7	12	0	1.105	2.393807	0	0	0	0.246222	11.76	0.58940793	0	0.58940793	0.06501727
7	13	0	0.835	2.074128	0	0	0	0.2441915	11.76	0.50648441	0	0.50648441	0.03712979
7	14	0	0.423	1.589012	0	0	0	0.232244	11.76	0.36903843	0	0.36903843	-0.0132262
7	15	0	0.155	1.373678	0	0	0	0.2397263	11.76	0.32930678	0	0.32930678	-0.0141324
7	16	0	0.158	1.417403	0	0	0	0.2839024	11.76	0.40240412	0	0.40240412	-0.0175915
7	17	0	0.53	2.033912	0	0	0	0.3406941	11.76	0.69294192	0	0.69294192	0.01466243
7	18	0	0.803	2.671388	0	0	0	0.3353282	11.76	0.89579153	0	0.89579153	0.07780777
7	19	0	0.949	2.907803	0	0	0	0.3404812	11.76	0.99005227	0	0.99005227	0.11407186
7	20	0	1.179	3.330946	0	0	0	0.3359009	11.76	1.11886778	0	1.11886778	0.16527287
7	21	0	1.276	3.369934	0	0	0	0.3376773	11.76	1.13795021	0	1.13795021	0.1766169
7	22	0	1.354	3.192688	0	0	0	0.3348156	11.76	1.06896183	0	1.06896183	0.19554566
7	23	0	1.482	2.896962	0	0	0	0.3257487	11.76	0.94368142	0	0.94368142	0.2049084
7	24	0	1.732	2.847863	0	0	0	0.3269308	11.76	0.93105417	0	0.93105417	0.23212789
8	1	0	1.856	2.520104	0	0	0	0.3318072	11.76	0.83618875	0	0.83618875	0.25848163
8	2	0	1.888	2.434898	0	0	0	0.3325028	11.76	0.8096105	0	0.8096105	0.25935415
8	3	0	1.987	2.455426	0	0	0	0.3399915	11.76	0.83482394	0	0.83482394	0.26009453
8	4	0	2.073	2.626648	0	0	0	0.336467	11.76	0.88378041	0	0.88378041	0.27859565
8	5	0	2.006	2.607656	0	0	0	0.3295366	11.76	0.85931829	0	0.85931829	0.26527797
8	6	0	2.002	2.991054	0	0	0	0.3312948	11.76	0.99092056	0	0.99092056	0.26238678
8	7	0	2.094	3.342593	0	0	0	0.3296946	11.76	1.10203482	0	1.10203482	0.27266111
8	8	0	2.098	3.702321	0	0	0	0.289236	11.76	1.07084453	0	1.07084453	0.23862594
8	9	0	2.014	3.439486	0	0	0	0.2360667	11.76	0.81194816	0	0.81194816	0.18177803
8	10	0	1.896	3.320286	0	0	0	0.2357662	11.76	0.78281116	0	0.78281116	0.16033195
8	11	0	1.224	2.559271	0	0	0	0.2398607	11.76	0.61386869	0	0.61386869	0.08108638
8	12	0	0.816	2.104807	0	0	0	0.246222	11.76	0.51824976	0	0.51824976	0.03645553
8	13	0	0.383	1.622128	0	0	0	0.2441915	11.76	0.39610982	0	0.39610982	-0.0129294
8	14	0	0.096	1.262012	0	0	0	0.232244	11.76	0.29309463	0	0.29309463	1.1739E-05
8	15	0	0.096	1.314678	0	0	0	0.2397263	11.76	0.31516292	0	0.31516292	1.146E-05
8	16	0	0.096	1.355403	0	0	0	0.2839024	11.76	0.38480216	0	0.38480216	1.0492E-05
8	17	0	0.405	1.907912	0	0	0	0.3406941	11.76	0.65001449	0	0.65001449	-0.0313313
8	18	0	0.631	2.499388	0	0	0	0.3353282	11.76	0.83811511	0	0.83811511	0.04461028
8	19	0	0.841	2.799803	0	0	0	0.3404812	11.76	0.95328028	0	0.95328028	0.10896477
8	20	0	0.98	3.131947	0	0	0	0.3359009	11.76	1.05202354	0	1.05202354	0.14041616
8	21	0	1.105	3.198934	0	0	0	0.3376773	11.76	1.08020747	0	1.08020747	0.17020093
8	22	0	1.19	3.028688	0	0	0	0.3348156	11.76	1.01405206	0	1.01405206	0.18516642
8	23	0	1.35	2.764962	0	0	0	0.3257487	11.76	0.9006826	0	0.9006826	0.20262817
8	24	0	1.507	2.622863	0	0	0	0.3269308	11.76	0.85749469	0	0.85749469	0.22101235
9	1	0	1.591	2.255104	0	0	0	0.3318072	11.76	0.7482598	0	0.7482598	0.22065566
9	2	0	1.692	2.238898	0	0	0	0.3325028	11.76	0.74443992	0	0.74443992	0.21845633
9	3	0	1.707	2.175426	0	0	0	0.3399915	11.76	0.73962633	0	0.73962633	0.21997543
9	4	0	1.811	2.364648	0	0	0	0.336467	11.76	0.79562611	0	0.79562611	0.23519135
9	5	0	1.846	2.447656	0	0	0	0.3295366	11.76	0.8065924	0	0.8065924	0.23792636
9	6	0	1.943	2.932054	0	0	0	0.3312948	11.76	0.97137416	0	0.97137416	0.24847238
9	7	0	1.873	3.121593	0	0	0	0.3296946	11.76	1.02917225	0	1.02917225	0.23573547
9	8	0	1.839	3.443321	0	0	0	0.289236	11.76	0.99593239	0	0.99593239	0.20044672
9	9	0	1.704	3.129486	0	0	0	0.2360667	11.76	0.73876748	0	0.73876748	0.14117457
9	10	0	1.353	2.777286	0	0	0	0.2357662	11.76	0.65479016	0	0.65479016	0.10469111
9	11	0	0.895	2.230271	0	0	0	0.2398607	11.76	0.53495451	0	0.53495451	0.05278281
9	12	0	0.435	1.723807	0	0	0	0.246222	11.76	0.42443917	0	0.42443917	0.00346177
9	13	0	0.242	1.481128	0	0	0	0.2441915	11.76	0.36167884	0	0.36167884	-0.0226971
9	14	0	0.143	1.309012	0	0	0	0.232244	11.76	0.30401011	0	0.30401011	-0.0109037
9	15	0	0.334	1.552678	0	0	0	0.2397263	11.76	0.37221779	0	0.37221779	-0.0194064
9	16	0	0.522	1.781403	0	0	0	0.2839024	11.76	0.5057446	0	0.5057446	0.01448952
9	17	0	0.703	2.206912	0	0	0	0.3406941	11.76	0.75188204	0	0.75188204	0.05554569
9	18	0	0.774	2.642388	0	0	0	0.3353282	11.76	0.88606708	0	0.88606708	0.07747238
9	19	0	0.799	2.757803	0	0	0	0.3404812	11.76	0.93898013	0	0.93898013	0.09738827
9	20	0	0.798	2.949946	0	0	0	0.3359009	11.76	0.99088953	0	0.99088953	0.10145169
9	21	0	0.87	2.963934	0	0	0	0.3376773	11.76	1.00085335	0	1.00085335	0.11684784
9	22	0	0.904	2.742688	0	0	0	0.3348156	11.76	0.9182948	0	0.9182948	0.12489959
9	23	0	1.005	2.419962	0	0	0	0.3257487	11.76	0.78829938	0	0.78829938	0.12705436
9	24	0	1.013	2.128863	0	0	0	0.3269308	11.76	0.6959909	0	0.6959909	0.12718315
10	1	0	1.069	1.733104	0	0	0	0.3318072	11.76	0.57505641	0	0.57505641	0.12642244
10	2	0	1.206	1.752898	0	0	0	0.3325028	11.76	0.58284354	0	0.58284354	0.14264572
10	3	0	1.232	1.699426	0	0	0	0.3399915	11.76	0.57779034	0	0.57779034	0.14619735
10	4	0	1.233	1.785648	0	0	0	0.336467	11.76	0.60081164	0	0.60081164	0.1429995
10	5	0	1.234	1.834656	0	0	0	0.3295366	11.76	0.60458647	0	0.60458647	0.14071311
10	6	0	1.235	2.224053	0	0	0	0.3312948	11.76	0.73681737	0	0.73681737	0.13881392
10	7	0	1.307	2.555593	0	0	0	0.3296946	11.76	0.8425651	0	0.8425651	0.15232265
10	8	0	1.256	2.860321	0	0	0	0.289236	11.76	0.8273078	0	0.8273078	0.12379928
10	9	0	1.062	2.487486	0	0	0	0.2360667	11.76	0.58721264	0	0.58721264	0.07507583
10	10	0	0.645	2.069286	0	0	0	0.2357662	11.76	0.48786764	0	0.48786764	0.03490431
10	11	0	0.509	1.844271	0	0	0	0.2398607	11.76	0.44236826	0	0.44236826	0.02184078
10	12	0	0.5	1.788807	0	0	0	0.246222	11.76	0.44044361	0	0.44044361	0.02143596
10	13	0	0.401	1.640128	0	0	0	0.2441915	11.76	0.40050527	0	0.40050527	0.0095362
10	14	0	0.433	1.599012	0	0	0	0.232244	11.76	0.37136086	0	0.37136086	0.01603655
10	15	0	0.424	1.642678	0	0	0	0.2397263	11.76	0.39379317	0	0.39379317	0.0131964
10	16	0	0.335	1.594403	0	0	0	0.2839024	11.76	0.45265483	0	0.45265483	0.01505731
10	17	0	0.357	1.860912	0	0	0	0.3406941	11.76	0.63400184	0	0.63400184	0.026246
10	18	0	0.411	2.279388	0	0	0	0.3353282	11.76	0.7643429	0	0.7643429	0.03052648

10	19	0	0.411	2.369803	0	0	0	0.3404812	11.76	0.80687341	0	0.80687341	0.03678262
10	20	0	0.418	2.569947	0	0	0	0.3359009	11.76	0.86324725	0	0.86324725	0.03964592
10	21	0	0.407	2.500934	0	0	0	0.3376773	11.76	0.84450874	0	0.84450874	0.04593568
10	22	0	0.357	2.195688	0	0	0	0.3348156	11.76	0.73515063	0	0.73515063	0.04387427
10	23	0	0.54	1.954962	0	0	0	0.3257487	11.76	0.6368262	0	0.6368262	0.06223042
10	24	0	0.584	1.699863	0	0	0	0.3269308	11.76	0.55573754	0	0.55573754	0.05950851
11	1	0	0.615	1.279104	0	0	0	0.3318072	11.76	0.42441594	0	0.42441594	0.0663653
11	2	0	0.573	1.119898	0	0	0	0.3325028	11.76	0.37236931	0	0.37236931	0.07215509
11	3	0	0.639	1.106426	0	0	0	0.3399915	11.76	0.37617538	0	0.37617538	0.0635794
11	4	0	0.641	1.193648	0	0	0	0.336467	11.76	0.40162318	0	0.40162318	0.06493916
11	5	0	0.556	1.156656	0	0	0	0.3295366	11.76	0.38116063	0	0.38116063	0.06030614
11	6	0	0.514	1.503053	0	0	0	0.3312948	11.76	0.49795381	0	0.49795381	0.05499633
11	7	0	0.576	1.824592	0	0	0	0.3296946	11.76	0.60155831	0	0.60155831	0.05440337
11	8	0	0.593	2.197321	0	0	0	0.289236	11.76	0.63554436	0	0.63554436	0.05235792
11	9	0	0.512	1.937486	0	0	0	0.2360667	11.76	0.45737594	0	0.45737594	0.03824938
11	10	0	0.391	1.815286	0	0	0	0.2357662	11.76	0.42798303	0	0.42798303	0.02570944
11	11	0	0.339	1.674271	0	0	0	0.2398607	11.76	0.40159194	0	0.40159194	0.01872259
11	12	0	0.294	1.582807	0	0	0	0.246222	11.76	0.38972189	0	0.38972189	0.01700397
11	13	0	0.186	1.425128	0	0	0	0.2441915	11.76	0.34800409	0	0.34800409	0.00587333
11	14	0	0	1.212012	0	0	0	0.232244	11.76	0.28148244	0	0.28148244	1.1711E-05
11	15	0	0	1.264678	0	0	0	0.2397263	11.76	0.30317661	0	0.30317661	-0.0002283
11	16	0	0	1.305403	0	0	0	0.2839024	11.76	0.37060705	0	0.37060705	1.0492E-05
11	17	0	0	1.548912	0	0	0	0.3406941	11.76	0.52770527	0	0.52770527	1.255E-05
11	18	0	0	1.914388	0	0	0	0.3353282	11.76	0.64194812	0	0.64194812	1.1633E-05
11	19	0	0.097	2.055803	0	0	0	0.3404812	11.76	0.69996226	0	0.69996226	0.00443698
11	20	0	0.085	2.236947	0	0	0	0.3359009	11.76	0.75139228	0	0.75139228	0.00941479
11	21	0	0.153	2.246934	0	0	0	0.3376773	11.76	0.75873873	0	0.75873873	0.02364898
11	22	0	0.196	2.034688	0	0	0	0.3348156	11.76	0.68124539	0	0.68124539	0.02914233
11	23	0	0.403	1.817962	0	0	0	0.3257487	11.76	0.59219864	0	0.59219864	0.0505035
11	24	0	0.52	1.635863	0	0	0	0.3269308	11.76	0.53481397	0	0.53481397	0.05918156
12	1	0	0.6	1.264104	0	0	0	0.3318072	11.76	0.41943883	0	0.41943883	0.07233783
12	2	0	0.613	1.158898	0	0	0	0.3325028	11.76	0.38533689	0	0.38533689	0.08977773
12	3	0	0.778	1.245426	0	0	0	0.3399915	11.76	0.42343418	0	0.42343418	0.12001804
12	4	0	0.852	1.404648	0	0	0	0.336467	11.76	0.47261771	0	0.47261771	0.12348442
12	5	0	0.926	1.526656	0	0	0	0.3295366	11.76	0.50308915	0	0.50308915	0.12489535
12	6	0	0.891	1.880054	0	0	0	0.3312948	11.76	0.62285199	0	0.62285199	0.11959879
12	7	0	0.874	2.122592	0	0	0	0.3296946	11.76	0.6998073	0	0.6998073	0.11440784
12	8	0	0.913	2.517321	0	0	0	0.289236	11.76	0.72809987	0	0.72809987	0.10962671
12	9	0	0.927	2.352486	0	0	0	0.2360667	11.76	0.55534363	0	0.55534363	0.08428244
12	10	0	0.937	2.361286	0	0	0	0.2357662	11.76	0.55671139	0	0.55671139	0.08229331
12	11	0	0.836	2.171271	0	0	0	0.2398607	11.76	0.52080272	0	0.52080272	0.08108638
12	12	0	0.821	2.109807	0	0	0	0.246222	11.76	0.5194809	0	0.5194809	0.07954431
12	13	0	0.614	1.853128	0	0	0	0.2441915	11.76	0.45251804	0	0.45251804	0.04763008
12	14	0	0.527	1.693012	0	0	0	0.232244	11.76	0.3931918	0	0.3931918	0.04251238
12	15	0	0.686	1.904678	0	0	0	0.2397263	11.76	0.45660146	0	0.45660146	0.06473756
12	16	0	0.581	1.840403	0	0	0	0.2839024	11.76	0.52249484	0	0.52249484	0.06417246
12	17	0	0.66	2.163912	0	0	0	0.3406941	11.76	0.73723219	0	0.73723219	0.08314186
12	18	0	0.726	2.594388	0	0	0	0.3353282	11.76	0.8699713	0	0.8699713	0.09826274
12	19	0	0.942	2.900803	0	0	0	0.3404812	11.76	0.98766891	0	0.98766891	0.14301277
12	20	0	0.858	3.009946	0	0	0	0.3359009	11.76	1.01104357	0	1.01104357	0.11791092
12	21	0	0.87	2.963934	0	0	0	0.3376773	11.76	1.00085335	0	1.00085335	0.12258842
12	22	0	1.004	2.842689	0	0	0	0.3348156	11.76	0.95177641	0	0.95177641	0.16608187
12	23	0	1.165	2.579962	0	0	0	0.3257487	11.76	0.84041912	0	0.84041912	0.17689395
12	24	0	1.312	2.427863	0	0	0	0.3269308	11.76	0.79374313	0	0.79374313	0.20335812
13	1	0	1.448	2.112104	0	0	0	0.3318072	11.76	0.70081141	0	0.70081141	0.21534666
13	2	0	1.474	2.020898	0	0	0	0.3325028	11.76	0.67195433	0	0.67195433	0.20582119
13	3	0	1.484	1.951426	0	0	0	0.3399915	11.76	0.66346823	0	0.66346823	0.20637587
13	4	0	1.456	2.008648	0	0	0	0.336467	11.76	0.6758438	0	0.6758438	0.18741313
13	5	0	1.516	2.116656	0	0	0	0.3295366	11.76	0.69751582	0	0.69751582	0.19277982
13	6	0	1.478	2.467053	0	0	0	0.3312948	11.76	0.81732202	0	0.81732202	0.19182112
13	7	0	1.494	2.742592	0	0	0	0.3296946	11.76	0.90421792	0	0.90421792	0.18562191
13	8	0	1.536	3.140321	0	0	0	0.289236	11.76	0.90829388	0	0.90829388	0.17268021
13	9	0	1.49	2.915486	0	0	0	0.2360667	11.76	0.6882492	0	0.6882492	0.12677447
13	10	0	1.329	2.753286	0	0	0	0.2357662	11.76	0.64913174	0	0.64913174	0.10421961
13	11	0	1.256	2.591271	0	0	0	0.2398607	11.76	0.62154424	0	0.62154424	0.10675145
13	12	0	1.121	2.409807	0	0	0	0.246222	11.76	0.59334749	0	0.59334749	0.09382527
13	13	0	1.084	2.323128	0	0	0	0.2441915	11.76	0.56728806	0	0.56728806	0.08694491
13	14	0	1.033	2.199012	0	0	0	0.232244	11.76	0.51070724	0	0.51070724	0.07781349
13	15	0	1.073	2.291678	0	0	0	0.2397263	11.76	0.54937554	0	0.54937554	0.09158694
13	16	0	1.214	2.473403	0	0	0	0.2839024	11.76	0.70220505	0	0.70220505	0.11924953
13	17	0	1.341	2.844912	0	0	0	0.3406941	11.76	0.96924489	0	0.96924489	0.16354577
13	18	0	1.366	3.234388	0	0	0	0.3353282	11.76	1.08458136	0	1.08458136	0.16499309
13	19	0	1.389	3.347803	0	0	0	0.3404812	11.76	1.13986402	0	1.13986402	0.17195369
13	20	0	1.376	3.527946	0	0	0	0.3359009	11.76	1.18504025	0	1.18504025	0.1740063
13	21	0	1.406	3.499934	0	0	0	0.3376773	11.76	1.1818483	0	1.1818483	0.1880979
13	22	0	1.445	3.283689	0	0	0	0.3348156	11.76	1.09943007	0	1.09943007	0.18215297
13	23	0	1.605	3.019962	0	0	0	0.3257487	11.76	0.98374855	0	0.98374855	0.20881733
13	24	0	1.664	2.779863	0	0	0	0.3269308	11.76	0.90882277	0	0.90882277	0.20008881
14	1	0	1.748	2.412104	0	0	0	0.3318072	11.76	0.80035356	0	0.80035356	0.22331009
14	2	0	1.758	2.304898	0	0	0	0.3325028	11.76	0.7663851	0	0.7663851	0.22444143
14	3	0	1.749	2.217426	0	0	0	0.3399915	11.76	0.75390591	0	0.75390591	0.2182756
14	4	0	1.784	2.337648	0	0	0	0.336467	11.76	0.78654144	0	0.78654144	0.22139624
14	5	0	1.742	2.343656	0	0	0	0.3295366	11.76	0.77232064	0	0.77232064	0.20958622
14	6	0	1.673	2.662053	0	0	0	0.3312948	11.76	0.88192448	0	0.88192448	0.1911585
14	7	0	1.575	2.823592	0	0	0	0.3296946	11.76	0.93092322	0	0.93092322	0.16221348
14	8	0	1.62	3.224321	0	0	0	0.289236	11.76	0.93258974	0	0.93258974	0.15272286
14	9	0	1.66	3.085485	0	0	0	0.2360667	11.76	0.72838051	0	0.72838051	0.13692534
14	10	0	1.475	2.899286	0	0	0	0.2357662	11.76	0.68355364	0	0.68355364	0.11412175
14	11	0	1.29	2.625271	0	0	0	0.2398607	11.76	0.62969949	0	0.62969949	0.08468426
14	12	0	0.818	2.106807	0	0	0	0.246222	11.76	0.51874223	0	0.51874223	0.0445808
14	13	0	0.641	1.880128	0	0	0	0.2441915	11.76	0.45911123	0	0.45911123	0.03590889
14	14	0	0.462	1.628012	0	0	0	0.232244	11.76	0.37809595	0	0.37809595	0.01719777
14	15	0	0.271	1.489678	0	0	0	0.2397263	11.76	0.35711504	0	0.35711504	0.00624432
14	16	0	0.379	1.638403	0	0	0	0.2839024	11.76	0.46514655	0	0.46514655	0.0258456
14	17	0	0.731	2.234912	0	0	0	0.3406941	11.76	0.76142143	0	0.76142143	0.09949529
14	18	0	0.956	2.824388	0	0	0	0.3353282	11.76	0.94709678	0	0.94709678	0.14118483
14	19	0	1.169	3.127803	0	0	0	0.3404812	11.76	1.06495814	0	1.06495814	0.18182766
14	20	0	1.276	3.427946	0	0	0	0.3359009	11.76	1.15145012	0	1.15145012	0.21162727
14	21	0	1.378	3.471934	0	0	0	0.3376773	11.76	1.17239338	0	1.17239338	0.22794383
14	22	0	1.479	3.317688	0	0	0	0.3348156	11.76	1.11081378	0	1.11081378	0.23605837
14	23	0	1.647	3.061962	0	0	0	0.3257487	11.76	0.99742994	0	0.99742994	0.23943782
14	24	0	1.788	2.903863	0	0	0	0.3269308	11.76	0.94936229	0	0.94936229	0.24716678
15	1	0	1.959	2.623104	0	0	0	0.3318072	11.76	0.87036487	0	0.87036487	0.26146792
15	2	0	2.054	2.600898	0	0	0	0.3325028	11.76	0.86480592	0	0.86480592	0.2862869
15	3	0	2.138	2.606426	0	0	0	0.3399915	11.76	0.88616267	0	0.88616267	0.29069373
15	4	0	2.192	2.745648	0	0	0	0.336467	11.76	0.92382005	0	0.92382005	0.29676476
15	5	0	2.211	2.812656	0	0	0	0.3295366	11.76	0.92687328	0	0.92687328	0.30086794
15	6	0	2.119	3.108053	0	0	0	0.3312948	11.76	1.02968201	0	1.02968201	0.28657137
15	7	0	2.161	3.409593	0	0	0	0.3296946	11.76	1.12412433	0	1.12412433	0.28255202
15	8	0	2.234	3.838321	0	0	0	0.289236	11.76	1.11018061	0	1.11018061	0.26783879
15	9	0	2.118	3.543486	0	0	0	0.2360667	11.76	0.83649912	0	0.83649912	0.18461085
15	10	0	1.802	3.226286	0	0	0	0.2357662	11.76	0.76064917	0	0.76064917	0.1494867
15	11	0	1.619	2.954271	0	0	0	0.2398607	11.76	0.70861367	0	0.70861367	0.12665993
15	12	0	1.382	2.670807	0	0	0	0.246222	11.76	0.65761141	0	0.65761141	0.09998078
15	13	0	1.064	2.303128	0	0	0	0.2441915	11.76	0.56240423	0	0.56240423	0.05544422
15	14	0	0.984	2.150012	0	0	0	0.232244	11.76	0.49932734	0	0.49932734	0.04855071
15	15	0	1.079	2.297678	0	0	0	0.2397263	11.76	0.55081391	0	0.55081391	0.06497724
15	16	0	1.207	2.466403	0	0	0	0.2839024	11.76	0.70021775	0	0.70021775	0.09454999

15	17	0	1.319	2.822912	0	0	0	0.3406941	11.76	0.96174959	0	0.96174959	0.13083915
15	18	0	1.378	3.246388	0	0	0	0.3353282	11.76	1.08860524	0	1.08860524	0.1455441
15	19	0	1.38	3.338803	0	0	0	0.3404812	11.76	1.13679967	0	1.13679967	0.15527018
15	20	0	1.528	3.679946	0	0	0	0.3359009	11.76	1.23609717	0	1.23609717	0.18441927
15	21	0	1.458	3.551934	0	0	0	0.3376773	11.76	1.19940753	0	1.19940753	0.18472105
15	22	0	1.55	3.388688	0	0	0	0.3348156	11.76	1.13458564	0	1.13458564	0.19387163
15	23	0	1.681	3.095962	0	0	0	0.3257487	11.76	1.00850544	0	1.00850544	0.20002214
15	24	0	1.81	2.925863	0	0	0	0.3269308	11.76	0.95655471	0	0.95655471	0.21741613
16	1	0	1.893	2.557104	0	0	0	0.3318072	11.76	0.8484656	0	0.8484656	0.22496916
16	2	0	1.99	2.536898	0	0	0	0.3325028	11.76	0.84352578	0	0.84352578	0.24173151
16	3	0	2.077	2.545426	0	0	0	0.3399915	11.76	0.86542323	0	0.86542323	0.25907446
16	4	0	2.096	2.649648	0	0	0	0.336467	11.76	0.89151915	0	0.89151915	0.25672528
16	5	0	2.122	2.723656	0	0	0	0.3295366	11.76	0.89754452	0	0.89754452	0.25769854
16	6	0	2.053	3.042053	0	0	0	0.3312948	11.76	1.00781655	0	1.00781655	0.24383435
16	7	0	2.006	3.254592	0	0	0	0.3296946	11.76	1.0730216	0	1.0730216	0.23441663
16	8	0	1.994	3.598321	0	0	0	0.289236	11.76	1.04076396	0	1.04076396	0.20333922
16	9	0	1.977	3.402486	0	0	0	0.2360667	11.76	0.8032137	0	0.8032137	0.16548942
16	10	0	1.848	3.272286	0	0	0	0.2357662	11.76	0.77149441	0	0.77149441	0.1388772
16	11	0	1.767	3.102271	0	0	0	0.2398607	11.76	0.74411306	0	0.74411306	0.13265642
16	12	0	1.416	2.704807	0	0	0	0.246222	11.76	0.66598294	0	0.66598294	0.09111685
16	13	0	1.346	2.585128	0	0	0	0.2441915	11.76	0.63126625	0	0.63126625	0.08767743
16	14	0	1.323	2.489012	0	0	0	0.232244	11.76	0.57805799	0	0.57805799	0.07711675
16	15	0	1.315	2.533678	0	0	0	0.2397263	11.76	0.60738934	0	0.60738934	0.07864168
16	16	0	1.355	2.614403	0	0	0	0.2839024	11.76	0.74223531	0	0.74223531	0.10789345
16	17	0	1.407	2.910912	0	0	0	0.3406941	11.76	0.99173069	0	0.99173069	0.13390534
16	18	0	1.4	3.268388	0	0	0	0.3353282	11.76	1.09598249	0	1.09598249	0.14420273
16	19	0	1.394	3.352803	0	0	0	0.3404812	11.76	1.14156639	0	1.14156639	0.15254629
16	20	0	1.371	3.522946	0	0	0	0.3359009	11.76	1.18336071	0	1.18336071	0.15418814
16	21	0	1.371	3.464934	0	0	0	0.3376773	11.76	1.17002964	0	1.17002964	0.15871993
16	22	0	1.429	3.267688	0	0	0	0.3348156	11.76	1.09407293	0	1.09407293	0.16641683
16	23	0	1.554	2.968962	0	0	0	0.3257487	11.76	0.96713533	0	0.96713533	0.17721975
16	24	0	1.628	2.743863	0	0	0	0.3269308	11.76	0.89705333	0	0.89705333	0.17981901
17	1	0	1.73	2.394104	0	0	0	0.3318072	11.76	0.79438099	0	0.79438099	0.19079304
17	2	0	1.755	2.301898	0	0	0	0.3325028	11.76	0.76538758	0	0.76538758	0.18853111
17	3	0	1.798	2.266426	0	0	0	0.3399915	11.76	0.7705655	0	0.7705655	0.19991609
17	4	0	1.748	2.301648	0	0	0	0.336467	11.76	0.77442862	0	0.77442862	0.18674016
17	5	0	1.753	2.354656	0	0	0	0.3295366	11.76	0.77594552	0	0.77594552	0.18717778
17	6	0	1.731	2.720053	0	0	0	0.3312948	11.76	0.90113961	0	0.90113961	0.18817683
17	7	0	1.663	2.911592	0	0	0	0.3296946	11.76	0.95993636	0	0.95993636	0.17441216
17	8	0	1.676	3.280321	0	0	0	0.289236	11.76	0.94878695	0	0.94878695	0.155326
17	9	0	1.688	3.113486	0	0	0	0.2360667	11.76	0.73499041	0	0.73499041	0.12653842
17	10	0	1.548	2.972286	0	0	0	0.2357662	11.76	0.70076456	0	0.70076456	0.10704877
17	11	0	1.425	2.760271	0	0	0	0.2398607	11.76	0.66208069	0	0.66208069	0.09259972
17	12	0	1.205	2.493807	0	0	0	0.246222	11.76	0.6140301	0	0.6140301	0.07141905
17	13	0	0.935	2.174128	0	0	0	0.2441915	11.76	0.53090354	0	0.53090354	0.03883918
17	14	0	0.622	1.788012	0	0	0	0.232244	11.76	0.41525498	0	0.41525498	0.00047622
17	15	0	0.478	1.696678	0	0	0	0.2397263	11.76	0.40673837	0	0.40673837	-0.0093379
17	16	0	0.672	1.931403	0	0	0	0.2839024	11.76	0.54832995	0	0.54832995	0.02471001
17	17	0	0.819	2.322912	0	0	0	0.3406941	11.76	0.79140253	0	0.79140253	0.05895262
17	18	0	0.955	2.823388	0	0	0	0.3353282	11.76	0.9467614	0	0.9467614	0.08283772
17	19	0	0.992	2.950803	0	0	0	0.3404812	11.76	1.00469295	0	1.00469295	0.10385743
17	20	0	1.057	3.208946	0	0	0	0.3359009	11.76	1.07788788	0	1.07788788	0.12227755
17	21	0	1.118	3.211934	0	0	0	0.3376773	11.76	1.08459728	0	1.08459728	0.13440716
17	22	0	1.2	3.038688	0	0	0	0.3348156	11.76	1.01740014	0	1.01740014	0.15704203
17	23	0	1.341	2.755962	0	0	0	0.3257487	11.76	0.89775092	0	0.89775092	0.16451546
17	24	0	1.457	2.572863	0	0	0	0.3269308	11.76	0.84114817	0	0.84114817	0.18112672
18	1	0	1.592	2.256104	0	0	0	0.3318072	11.76	0.74859159	0	0.74859159	0.20074725
18	2	0	1.701	2.247898	0	0	0	0.3325028	11.76	0.74743246	0	0.74743246	0.21945385
18	3	0	1.701	2.169426	0	0	0	0.3399915	11.76	0.73758636	0	0.73758636	0.2192955
18	4	0	1.7	2.253648	0	0	0	0.336467	11.76	0.75827825	0	0.75827825	0.21500335
18	5	0	1.71	2.311656	0	0	0	0.3295366	11.76	0.76177545	0	0.76177545	0.21255207
18	6	0	1.614	2.603053	0	0	0	0.3312948	11.76	0.86237808	0	0.86237808	0.19745312
18	7	0	1.524	2.772593	0	0	0	0.3296946	11.76	0.91410883	0	0.91410883	0.1750715
18	8	0	1.482	3.086321	0	0	0	0.289236	11.76	0.89267516	0	0.89267516	0.14693814
18	9	0	1.462	2.887486	0	0	0	0.2360667	11.76	0.6816393	0	0.6816393	0.10788915
18	10	0	1.385	2.809286	0	0	0	0.2357662	11.76	0.66233464	0	0.66233464	0.10091884
18	11	0	1.308	2.643271	0	0	0	0.2398607	11.76	0.63401696	0	0.63401696	0.09235987
18	12	0	1.248	2.536807	0	0	0	0.246222	11.76	0.62461765	0	0.62461765	0.09037817
18	13	0	1.152	2.391128	0	0	0	0.2441915	11.76	0.5838931	0	0.5838931	0.08206103
18	14	0	1.139	2.305012	0	0	0	0.232244	11.76	0.53532509	0	0.53532509	0.07967147
18	15	0	1.128	2.346678	0	0	0	0.2397263	11.76	0.56256051	0	0.56256051	0.08415539
18	16	0	1.182	2.441403	0	0	0	0.2839024	11.76	0.69312023	0	0.69312023	0.10306705
18	17	0	1.244	2.747912	0	0	0	0.3406941	11.76	0.93619752	0	0.93619752	0.14412624
18	18	0	1.211	3.079388	0	0	0	0.3353282	11.76	1.03260542	0	1.03260542	0.1314603
18	19	0	1.238	3.196803	0	0	0	0.3404812	11.76	1.08845127	0	1.08845127	0.14028904
18	20	0	1.175	3.326946	0	0	0	0.3359009	11.76	1.11752419	0	1.11752419	0.13772891
18	21	0	1.174	3.267934	0	0	0	0.3376773	11.76	1.10350721	0	1.10350721	0.13981
18	22	0	1.214	3.052688	0	0	0	0.3348156	11.76	1.02208761	0	1.02208761	0.1382922
18	23	0	1.328	2.742962	0	0	0	0.3257487	11.76	0.89351619	0	0.89351619	0.14757652
18	24	0	1.414	2.529863	0	0	0	0.3269308	11.76	0.82709007	0	0.82709007	0.15562617
19	1	0	1.51	2.174104	0	0	0	0.3318072	11.76	0.72138339	0	0.72138339	0.16922555
19	2	0	1.622	2.168898	0	0	0	0.3325028	11.76	0.72116474	0	0.72116474	0.18454105
19	3	0	1.657	2.124426	0	0	0	0.3399915	11.76	0.72228672	0	0.72228672	0.18563643
19	4	0	1.618	2.171648	0	0	0	0.336467	11.76	0.73068795	0	0.73068795	0.17698261
19	5	0	1.617	2.217656	0	0	0	0.3295366	11.76	0.73079897	0	0.73079897	0.17663259
19	6	0	1.561	2.550053	0	0	0	0.3312948	11.76	0.84481947	0	0.84481947	0.16962432
19	7	0	1.558	2.806592	0	0	0	0.3296946	11.76	0.92531842	0	0.92531842	0.16847777
19	8	0	1.556	3.160321	0	0	0	0.289236	11.76	0.91407859	0	0.91407859	0.14867357
19	9	0	1.571	2.996486	0	0	0	0.2360667	11.76	0.70737063	0	0.70737063	0.11969247
19	10	0	1.231	2.655286	0	0	0	0.2357662	11.76	0.62602669	0	0.62602669	0.08182181
19	11	0	0.987	2.322271	0	0	0	0.2398607	11.76	0.5570217	0	0.5570217	0.05422198
19	12	0	0.955	2.243807	0	0	0	0.246222	11.76	0.5524746	0	0.5524746	0.05442973
19	13	0	0.659	1.898128	0	0	0	0.2441915	11.76	0.46350668	0	0.46350668	0.01661773
19	14	0	0.343	1.509012	0	0	0	0.232244	11.76	0.3504589	0	0.3504589	-0.0178711
19	15	0	0.348	1.566678	0	0	0	0.2397263	11.76	0.37557398	0	0.37557398	-0.0119749
19	16	0	0.56	1.819403	0	0	0	0.2839024	11.76	0.51653288	0	0.51653288	0.01959976
19	17	0	0.672	2.175912	0	0	0	0.3406941	11.76	0.74132047	0	0.74132047	0.05009465
19	18	0	0.879	2.747388	0	0	0	0.3353282	11.76	0.92127654	0	0.92127654	0.09356817
19	19	0	1.001	2.959803	0	0	0	0.3404812	11.76	1.0077573	0	1.0077573	0.11883865
19	20	0	1.092	3.243947	0	0	0	0.3359009	11.76	1.08964444	0	1.08964444	0.13974433
19	21	0	1.13	3.223934	0	0	0	0.3376773	11.76	1.08864936	0	1.08864936	0.15027805
19	22	0	1.297	3.135688	0	0	0	0.3348156	11.76	1.04987729	0	1.04987729	0.18114868
19	23	0	1.488	2.902962	0	0	0	0.3257487	11.76	0.94563592	0	0.94563592	0.20393115
19	24	0	1.612	2.727863	0	0	0	0.3269308	11.76	0.89182243	0	0.89182243	0.21578144
20	1	0	1.663	2.327104	0	0	0	0.3318072	11.76	0.77214993	0	0.77214993	0.21733759
20	2	0	1.791	2.337898	0	0	0	0.3325028	11.76	0.77735776	0	0.77735776	0.2310914
20	3	0	1.839	2.307426	0	0	0	0.3399915	11.76	0.7845052	0	0.7845052	0.24003502
20	4	0	1.887	2.440648	0	0	0	0.336467	11.76	0.82119751	0	0.82119751	0.24360314
20	5	0	1.848	2.449656	0	0	0	0.3295366	11.76	0.80725151	0	0.80725151	0.23001751
20	6	0	1.796	2.785053	0	0	0	0.3312948	11.76	0.9226738	0	0.9226738	0.21468039
20	7	0	1.83	3.078592	0	0	0	0.3296946	11.76	1.0149953	0	1.0149953	0.21958051
20	8	0	1.789	3.393321	0	0	0	0.289236	11.76	0.9814706	0	0.9814706	0.18916658
20	9	0	1.686	3.111485	0	0	0	0.2360667	11.76	0.73451825	0	0.73451825	0.13574497
20	10	0	1.063	2.487286	0	0	0	0.2357662	11.76	0.58641791	0	0.58641791	0.06555394
20	11	0	0.551	1.886271	0	0	0	0.2398607	11.76	0.45244239	0	0.45244239	0.00888833
20	12	0	0.257	1.545807	0	0	0	0.246222	11.76	0.38061166	0	0.38061166	-0.0396271
20	13	0	0.096	1.335128	0	0	0	0.2441915	11.76	0.32602687	0	0.32602687	1.2721E-05
20	14	0	0.096	1.262012	0	0	0	0.232244	11.76	0.29309463	0	0.29309463	-0.0002205

20	15	0	0.096	1.313678	0	0	0	0.2397263	11.76	0.31492321	0	0.31492321	1.1431E-05
20	16	0	0.096	1.354403	0	0	0	0.2839024	11.76	0.38451824	0	0.38451824	1.0492E-05
20	17	0	0.096	1.598912	0	0	0	0.3406941	11.76	0.54474	0	0.54474	-0.0003282
20	18	0	0.302	2.170388	0	0	0	0.3353282	11.76	0.72779214	0	0.72779214	-0.069066
20	19	0	0.61	2.568803	0	0	0	0.3404812	11.76	0.87462913	0	0.87462913	0.04188987
20	20	0	0.762	2.913947	0	0	0	0.3359009	11.76	0.97879718	0	0.97879718	0.09540543
20	21	0	0.964	3.057934	0	0	0	0.3376773	11.76	1.03259497	0	1.03259497	0.14926493
20	22	0	1.15	2.988688	0	0	0	0.3348156	11.76	1.00065945	0	1.00065945	0.18449675
20	23	0	1.349	2.763962	0	0	0	0.3257487	11.76	0.90035688	0	0.90035688	0.21077184
20	24	0	1.524	2.639863	0	0	0	0.3269308	11.76	0.8630525	0	0.8630525	0.23343567
21	1	0	1.61	2.274104	0	0	0	0.3318072	11.76	0.75456416	0	0.75456416	0.24089586
21	2	0	1.734	2.280898	0	0	0	0.3325028	11.76	0.75840505	0	0.75840505	0.24904659
21	3	0	1.792	2.260426	0	0	0	0.3399915	11.76	0.76852562	0	0.76852562	0.25941451
21	4	0	1.73	2.283648	0	0	0	0.336467	11.76	0.76837225	0	0.76837225	0.24192068
21	5	0	1.762	2.363656	0	0	0	0.3295366	11.76	0.77891137	0	0.77891137	0.23232425
21	6	0	1.719	2.708053	0	0	0	0.3312948	11.76	0.89716405	0	0.89716405	0.22296279
21	7	0	1.735	2.983593	0	0	0	0.3296946	11.76	0.98367439	0	0.98367439	0.21298646
21	8	0	1.804	3.408321	0	0	0	0.289236	11.76	0.98580917	0	0.98580917	0.2013145
21	9	0	1.702	3.127486	0	0	0	0.2360667	11.76	0.73829533	0	0.73829533	0.13668934
21	10	0	1.646	3.070286	0	0	0	0.2357662	11.76	0.7238696	0	0.7238696	0.13463349
21	11	0	1.642	2.977271	0	0	0	0.2398607	11.76	0.71413047	0	0.71413047	0.13217673
21	12	0	1.544	2.832807	0	0	0	0.246222	11.76	0.69749936	0	0.69749936	0.12484922
21	13	0	1.374	2.613128	0	0	0	0.2441915	11.76	0.63810358	0	0.63810358	0.10184062
21	14	0	1.239	2.405012	0	0	0	0.232244	11.76	0.55854953	0	0.55854953	0.08106489
21	15	0	1.024	2.242678	0	0	0	0.2397263	11.76	0.53762895	0	0.53762895	0.0594636
21	16	0	0.992	2.251403	0	0	0	0.2839024	11.76	0.63917875	0	0.63917875	0.06332075
21	17	0	0.975	2.478912	0	0	0	0.3406941	11.76	0.84455086	0	0.84455086	0.08143843
21	18	0	0.995	2.863388	0	0	0	0.3353282	11.76	0.96017459	0	0.96017459	0.09256217
21	19	0	1.203	3.161803	0	0	0	0.3404812	11.76	1.07653448	0	1.07653448	0.12598873
21	20	0	1.231	3.382946	0	0	0	0.3359009	11.76	1.13633464	0	1.13633464	0.13504174
21	21	0	1.249	3.342934	0	0	0	0.3376773	11.76	1.12883294	0	1.12883294	0.14284912
21	22	0	1.28	3.118688	0	0	0	0.3348156	11.76	1.04418544	0	1.04418544	0.15436338
21	23	0	1.441	2.855962	0	0	0	0.3257487	11.76	0.93032576	0	0.93032576	0.16614425
21	24	0	1.585	2.700863	0	0	0	0.3269308	11.76	0.88299524	0	0.88299524	0.18145378
22	1	0	1.643	2.307104	0	0	0	0.3318072	11.76	0.76551379	0	0.76551379	0.18813854
22	2	0	1.672	2.218898	0	0	0	0.3325028	11.76	0.73778987	0	0.73778987	0.19218862
22	3	0	1.753	2.221426	0	0	0	0.3399915	11.76	0.75526594	0	0.75526594	0.20671583
22	4	0	1.867	2.420648	0	0	0	0.336467	11.76	0.81446818	0	0.81446818	0.22173276
22	5	0	1.821	2.422656	0	0	0	0.3295366	11.76	0.79835403	0	0.79835403	0.20662037
22	6	0	1.71	2.699054	0	0	0	0.3312948	11.76	0.89418245	0	0.89418245	0.19977209
22	7	0	1.623	2.871593	0	0	0	0.3296946	11.76	0.94674859	0	0.94674859	0.18133587
22	8	0	1.606	3.210321	0	0	0	0.289236	11.76	0.92854038	0	0.92854038	0.1570615
22	9	0	1.541	2.966486	0	0	0	0.2360667	11.76	0.70028858	0	0.70028858	0.11355473
22	10	0	1.241	2.665286	0	0	0	0.2357662	11.76	0.62838435	0	0.62838435	0.07781374
22	11	0	0.908	2.243271	0	0	0	0.2398607	11.76	0.5380727	0	0.5380727	0.04654642
22	12	0	0.735	2.023807	0	0	0	0.246222	11.76	0.49830582	0	0.49830582	0.02340571
22	13	0	0.513	1.752128	0	0	0	0.2441915	11.76	0.42785474	0	0.42785474	0.00465234
22	14	0	0.456	1.622012	0	0	0	0.232244	11.76	0.37670248	0	0.37670248	0.00140518
22	15	0	0.476	1.694678	0	0	0	0.2397263	11.76	0.40625892	0	0.40625892	0.00360735
22	16	0	0.519	1.778403	0	0	0	0.2839024	11.76	0.50489288	0	0.50489288	0.01250221
22	17	0	0.664	2.167912	0	0	0	0.3406941	11.76	0.73859495	0	0.73859495	0.03271921
22	18	0	0.812	2.680388	0	0	0	0.3353282	11.76	0.89880951	0	0.89880951	0.06204736
22	19	0	0.824	2.782803	0	0	0	0.3404812	11.76	0.94749211	0	0.94749211	0.07321415
22	20	0	0.828	2.979946	0	0	0	0.3359009	11.76	1.00096655	0	1.00096655	0.08700795
22	21	0	0.781	2.874934	0	0	0	0.3376773	11.76	0.97079999	0	0.97079999	0.09321053
22	22	0	0.841	2.679688	0	0	0	0.3348156	11.76	0.89720143	0	0.89720143	0.1044758
22	23	0	1.027	2.441962	0	0	0	0.3257487	11.76	0.7954658	0	0.7954658	0.12444841
22	24	0	1.114	2.229863	0	0	0	0.3269308	11.76	0.72901085	0	0.72901085	0.13176024
23	1	0	1.231	1.895104	0	0	0	0.3318072	11.76	0.62880916	0	0.62880916	0.14201736
23	2	0	1.288	1.834898	0	0	0	0.3325028	11.76	0.61010882	0	0.61010882	0.14297816
23	3	0	1.299	1.766426	0	0	0	0.3399915	11.76	0.60056978	0	0.60056978	0.14891729
23	4	0	1.323	1.875648	0	0	0	0.336467	11.76	0.63109364	0	0.63109364	0.14939239
23	5	0	1.311	1.911656	0	0	0	0.3295366	11.76	0.62996075	0	0.62996075	0.13906546
23	6	0	1.308	2.297053	0	0	0	0.3312948	11.76	0.76100187	0	0.76100187	0.14345203
23	7	0	1.245	2.493593	0	0	0	0.3296946	11.76	0.82212402	0	0.82212402	0.13748645
23	8	0	1.313	2.917321	0	0	0	0.289236	11.76	0.84379423	0	0.84379423	0.12784857
23	9	0	1.386	2.811486	0	0	0	0.2360667	11.76	0.66369829	0	0.66369829	0.11922026
23	10	0	1.323	2.747286	0	0	0	0.2357662	11.76	0.64771713	0	0.64771713	0.10657732
23	11	0	1.287	2.622271	0	0	0	0.2398607	11.76	0.6289799	0	0.6289799	0.10243398
23	12	0	1.194	2.482807	0	0	0	0.246222	11.76	0.61132168	0	0.61132168	0.09111679
23	13	0	0.813	2.052128	0	0	0	0.2441915	11.76	0.50111218	0	0.50111218	0.05031616
23	14	0	0.682	1.848012	0	0	0	0.232244	11.76	0.42918961	0	0.42918961	0.03508059
23	15	0	0.541	1.759678	0	0	0	0.2397263	11.76	0.42184115	0	0.42184115	0.02422378
23	16	0	0.57	1.829403	0	0	0	0.2839024	11.76	0.51937191	0	0.51937191	0.03095588
23	17	0	0.657	2.160912	0	0	0	0.3406941	11.76	0.73621011	0	0.73621011	0.038511
23	18	0	0.76	2.628388	0	0	0	0.3353282	11.76	0.88137243	0	0.88137243	0.06674194
23	19	0	0.855	2.813803	0	0	0	0.3404812	11.76	0.958047	0	0.958047	0.09160018
23	20	0	0.906	3.057946	0	0	0	0.3359009	11.76	1.02716684	0	1.02716684	0.10850557
23	21	0	0.959	3.052934	0	0	0	0.3376773	11.76	1.03090654	0	1.03090654	0.12225077
23	22	0	1.016	2.854688	0	0	0	0.3348156	11.76	0.95579414	0	0.95579414	0.12590404
23	23	0	1.1	2.514962	0	0	0	0.3257487	11.76	0.81924544	0	0.81924544	0.12900895
23	24	0	1.134	2.249863	0	0	0	0.3269308	11.76	0.73554946	0	0.73554946	0.12979864
24	1	0	1.295	1.959104	0	0	0	0.3318072	11.76	0.65004483	0	0.65004483	0.15329881
24	2	0	1.368	1.914898	0	0	0	0.3325028	11.76	0.63670901	0	0.63670901	0.17390098
24	3	0	1.363	1.830426	0	0	0	0.3399915	11.76	0.62232924	0	0.62232924	0.16353696
24	4	0	1.344	1.896648	0	0	0	0.336467	11.76	0.6381595	0	0.6381595	0.15814046
24	5	0	1.322	1.922656	0	0	0	0.3295366	11.76	0.63358571	0	0.63358571	0.14499701
24	6	0	1.28	2.269053	0	0	0	0.3312948	11.76	0.75172566	0	0.75172566	0.14444592
24	7	0	1.137	2.385592	0	0	0	0.3296946	11.76	0.78651699	0	0.78651699	0.13913488
24	8	0	1.235	2.839321	0	0	0	0.289236	11.76	0.82123387	0	0.82123387	0.11338671
24	9	0	1.232	2.657485	0	0	0	0.2360667	11.76	0.62734395	0	0.62734395	0.09537756
24	10	0	1.104	2.528286	0	0	0	0.2357662	11.76	0.59608436	0	0.59608436	0.08842329
24	11	0	0.987	2.322271	0	0	0	0.2398607	11.76	0.5570217	0	0.5570217	0.07365066
24	12	0	0.827	2.115807	0	0	0	0.246222	11.76	0.52095824	0	0.52095824	0.05615321
24	13	0	0.533	1.772128	0	0	0	0.2441915	11.76	0.43273857	0	0.43273857	0.03126921
24	14	0	0.499	1.665012	0	0	0	0.232244	11.76	0.38668897	0	0.38668897	0.03113242
24	15	0	0.301	1.519678	0	0	0	0.2397263	11.76	0.36430683	0	0.36430683	0.01511421
24	16	0	0.231	1.490403	0	0	0	0.2839024	11.76	0.42312899	0	0.42312899	0.01307
24	17	0	0.517	2.020912	0	0	0	0.3406941	11.76	0.68851289	0	0.68851289	0.0770094
24	18	0	0.718	2.586388	0	0	0	0.3353282	11.76	0.86728871	0	0.86728871	0.12140039
24	19	0	0.839	2.797803	0	0	0	0.3404812	11.76	0.95259937	0	0.95259937	0.13143644
24	20	0	0.852	3.003947	0	0	0	0.3359009	11.76	1.00902823	0	1.00902823	0.12362114
24	21	0	0.912	3.005934	0	0	0	0.3376773	11.76	1.01503573	0	1.01503573	0.14926493
24	22	0	0.986	2.824688	0	0	0	0.3348156	11.76	0.94574969	0	0.94574969	0.14666262
24	23	0	1.109	2.523962	0	0	0	0.3257487	11.76	0.82217719	0	0.82217719	0.15539454
24	24	0	1.138	2.253863	0	0	0	0.3269308	11.76	0.73685724	0	0.73685724	0.15202988
25	1	0	1.194	1.858104	0	0	0	0.3318072	11.76	0.61653231	0	0.61653231	0.14633085
25	2	0	1.283	1.829898	0	0	0	0.3325028	11.76	0.60844626	0	0.60844626	0.1519558
25	3	0	1.263	1.730426	0	0	0	0.3399915	11.76	0.58833008	0	0.58833008	0.15435716
25	4	0	1.251	1.803648	0	0	0	0.336467	11.76	0.60686801	0	0.60686801	0.14602772
25	5	0	1.244	1.844656	0	0	0	0.3295366	11.76	0.60788183	0	0.60788183	0.13972449
25	6	0	1.189	2.178053	0	0	0	0.3312948	11.76	0.7215778	0	0.7215778	0.13185676
25	7	0	1.193	2.441592	0	0	0	0.3296946	11.76	0.80497989	0	0.80497989	0.12462834
25	8	0	1.231	2.835321	0	0	0	0.289236	11.76	0.82007694	0	0.82007694	0.11627907
25	9	0	1.153	2.578485	0	0	0	0.2360667	11.76	0.60869468	0	0.60869468	0.08050542
25	10	0	1.178	2.602286	0	0	0	0.2357662	11.76	0.61353103	0	0.61353103	0.08630132
25	11	0	1.035	2.370271	0	0	0	0.2398607	11.76	0.56853498	0	0.56853498	0.07125212
25	12	0	1.001	2.289807	0	0	0	0.246222	11.76	0.56380082	0	0.56380082	0.0751124

25	13	0	0.879	2.118128	0	0	0	0.2441915	11.76	0.51722882	0	0.51722882	0.06203738
25	14	0	0.795	1.961012	0	0	0	0.232244	11.76	0.45543319	0	0.45543319	0.0508732
25	15	0	0.576	1.794678	0	0	0	0.2397263	11.76	0.43023156	0	0.43023156	0.03956629
25	16	0	0.548	1.807403	0	0	0	0.2839024	11.76	0.51312607	0	0.51312607	0.04174414
25	17	0	0.604	2.107912	0	0	0	0.3406941	11.76	0.71815333	0	0.71815333	0.06133747
25	18	0	0.585	2.453388	0	0	0	0.3353282	11.76	0.82269001	0	0.82269001	0.05970008
25	19	0	0.657	2.615803	0	0	0	0.3404812	11.76	0.89063173	0	0.89063173	0.07798095
25	20	0	0.651	2.802947	0	0	0	0.3359009	11.76	0.94151216	0	0.94151216	0.08264116
25	21	0	0.69	2.783934	0	0	0	0.3376773	11.76	0.94007141	0	0.94007141	0.07936572
25	22	0	0.803	2.641688	0	0	0	0.3348156	11.76	0.88447841	0	0.88447841	0.09007882
25	23	0	0.904	2.318962	0	0	0	0.3257487	11.76	0.75539874	0	0.75539874	0.09741129
25	24	0	0.971	2.086863	0	0	0	0.3269308	11.76	0.68225978	0	0.68225978	0.09972101
26	1	0	1.162	1.826104	0	0	0	0.3318072	11.76	0.60591446	0	0.60591446	0.13073594
26	2	0	1.209	1.755898	0	0	0	0.3325028	11.76	0.5838411	0	0.5838411	0.13732563
26	3	0	1.224	1.691426	0	0	0	0.3399915	11.76	0.5750704	0	0.5750704	0.1373576
26	4	0	1.224	1.776648	0	0	0	0.336467	11.76	0.59778342	0	0.59778342	0.13593372
26	5	0	1.275	1.875656	0	0	0	0.3295366	11.76	0.61809743	0	0.61809743	0.14005408
26	6	0	1.228	2.217053	0	0	0	0.3312948	11.76	0.73449831	0	0.73449831	0.13417581
26	7	0	1.161	2.409593	0	0	0	0.3296946	11.76	0.79442971	0	0.79442971	0.12792521
26	8	0	1.204	2.808321	0	0	0	0.289236	11.76	0.81226752	0	0.81226752	0.11136214
26	9	0	1.198	2.623486	0	0	0	0.2360667	11.76	0.6193177	0	0.6193177	0.08687921
26	10	0	1.259	2.683286	0	0	0	0.2357662	11.76	0.63262812	0	0.63262812	0.10657727
26	11	0	1.224	2.559271	0	0	0	0.2398607	11.76	0.61386869	0	0.61386869	0.10027522
26	12	0	1.149	2.437807	0	0	0	0.246222	11.76	0.60024173	0	0.60024173	0.08323767
26	13	0	1.062	2.301128	0	0	0	0.2441915	11.76	0.56191588	0	0.56191588	0.07302596
26	14	0	1.062	2.228012	0	0	0	0.232244	11.76	0.51744233	0	0.51744233	0.0710784
26	15	0	1.071	2.289678	0	0	0	0.2397263	11.76	0.54889612	0	0.54889612	0.08271702
26	16	0	0.982	2.241403	0	0	0	0.2839024	11.76	0.63633973	0	0.63633973	0.08802023
26	17	0	0.749	2.252912	0	0	0	0.3406941	11.76	0.76755397	0	0.76755397	0.08246052
26	18	0	0.622	2.490388	0	0	0	0.3353282	11.76	0.83509714	0	0.83509714	0.06238275
26	19	0	0.616	2.574803	0	0	0	0.3404812	11.76	0.87667204	0	0.87667204	0.06946888
26	20	0	0.575	2.726946	0	0	0	0.3359009	11.76	0.91598363	0	0.91598363	0.0614795
26	21	0	0.547	2.640934	0	0	0	0.3376773	11.76	0.89178352	0	0.89178352	0.05370234
26	22	0	0.632	2.470688	0	0	0	0.3348156	11.76	0.82722494	0	0.82722494	0.0632936
26	23	0	0.78	2.194962	0	0	0	0.3257487	11.76	0.71500588	0	0.71500588	0.07786639
26	24	0	0.854	1.969863	0	0	0	0.3269308	11.76	0.64400885	0	0.64400885	0.08697069
27	1	0	0.835	1.499104	0	0	0	0.3318072	11.76	0.49741353	0	0.49741353	0.08295568
27	2	0	0.858	1.404898	0	0	0	0.3325028	11.76	0.4671326	0	0.4671326	0.08578767
27	3	0	0.949	1.416426	0	0	0	0.3399915	11.76	0.48157274	0	0.48157274	0.09859854
27	4	0	0.866	1.418648	0	0	0	0.336467	11.76	0.47732826	0	0.47732826	0.09185649
27	5	0	1.088	1.688656	0	0	0	0.3295366	11.76	0.55647407	0	0.55647407	0.10710037
27	6	0	1.054	2.043053	0	0	0	0.3312948	11.76	0.676853	0	0.676853	0.10932869
27	7	0	1.109	2.357593	0	0	0	0.3296946	11.76	0.77728558	0	0.77728558	0.11177016
27	8	0	0.811	2.415321	0	0	0	0.289236	11.76	0.69859779	0	0.69859779	0.07376142
27	9	0	0.959	2.384486	0	0	0	0.2360667	11.76	0.56289778	0	0.56289778	0.06917414
27	10	0	0.782	2.206286	0	0	0	0.2357662	11.76	0.52016763	0	0.52016763	0.04975762
27	11	0	0.484	1.819271	0	0	0	0.2398607	11.76	0.43637174	0	0.43637174	0.02591841
27	12	0	0.243	1.531807	0	0	0	0.246222	11.76	0.37716457	0	0.37716457	0.00149199
27	13	0	0.224	1.463128	0	0	0	0.2441915	11.76	0.35728339	0	0.35728339	0.00489655
27	14	0	0.23	1.396012	0	0	0	0.232244	11.76	0.32421534	0	0.32421534	-0.0018462
27	15	0	0.416	1.634678	0	0	0	0.2397263	11.76	0.39187536	0	0.39187536	0.01079913
27	16	0	0.463	1.722403	0	0	0	0.2839024	11.76	0.48899435	0	0.48899435	0.01959976
27	17	0	0.538	2.041912	0	0	0	0.3406941	11.76	0.69566752	0	0.69566752	0.06201881
27	18	0	0.508	2.376388	0	0	0	0.3353282	11.76	0.79686978	0	0.79686978	0.05869409
27	19	0	0.506	2.464803	0	0	0	0.3404812	11.76	0.83921906	0	0.83921906	0.06470217
27	20	0	0.509	2.660946	0	0	0	0.3359009	11.76	0.89381417	0	0.89381417	0.07726681
27	21	0	0.555	2.648934	0	0	0	0.3376773	11.76	0.89448498	0	0.89448498	0.08341788
27	22	0	0.584	2.422688	0	0	0	0.3348156	11.76	0.81115384	0	0.81115384	0.08070394
27	23	0	0.658	2.072962	0	0	0	0.3257487	11.76	0.67526455	0	0.67526455	0.08177532
27	24	0	0.817	1.932863	0	0	0	0.3269308	11.76	0.63191243	0	0.63191243	0.10724041
28	1	0	0.829	1.493104	0	0	0	0.3318072	11.76	0.49542268	0	0.49542268	0.11414555
28	2	0	0.859	1.405898	0	0	0	0.3325028	11.76	0.46746507	0	0.46746507	0.11937051
28	3	0	0.886	1.353426	0	0	0	0.3399915	11.76	0.46015328	0	0.46015328	0.12885774
28	4	0	1.173	1.725648	0	0	0	0.336467	11.76	0.58062364	0	0.58062364	0.18102024
28	5	0	1.272	1.872656	0	0	0	0.3295366	11.76	0.61710881	0	0.61710881	0.18454152
28	6	0	1.136	2.125053	0	0	0	0.3312948	11.76	0.70401919	0	0.70401919	0.16730526
28	7	0	1.059	2.307592	0	0	0	0.3296946	11.76	0.76080079	0	0.76080079	0.13287074
28	8	0	1.162	2.766321	0	0	0	0.289236	11.76	0.80011959	0	0.80011959	0.16024307
28	9	0	1.038	2.463486	0	0	0	0.2360667	11.76	0.58154705	0	0.58154705	0.09891853
28	10	0	0.818	2.242286	0	0	0	0.2357662	11.76	0.52865522	0	0.52865522	0.07050501
28	11	0	0.614	1.949271	0	0	0	0.2398607	11.76	0.46755364	0	0.46755364	0.04750588
28	12	0	0.702	1.990807	0	0	0	0.246222	11.76	0.49018046	0	0.49018046	0.07486617
28	13	0	0.593	1.832128	0	0	0	0.2441915	11.76	0.44739004	0	0.44739004	0.05153715
28	14	0	0.71	1.876012	0	0	0	0.232244	11.76	0.43569244	0	0.43569244	0.06527228
28	15	0	0.698	1.916678	0	0	0	0.2397263	11.76	0.45947817	0	0.45947817	0.04747729
28	16	0	0.708	1.967403	0	0	0	0.2839024	11.76	0.55855045	0	0.55855045	0.07524463
28	17	0	0.739	2.242912	0	0	0	0.3406941	11.76	0.76414703	0	0.76414703	0.09234067
28	18	0	0.754	2.622388	0	0	0	0.3353282	11.76	0.87936052	0	0.87936052	0.10631059
28	19	0	0.832	2.790803	0	0	0	0.3404812	11.76	0.95021593	0	0.95021593	0.1205411
28	20	0	0.76	2.911947	0	0	0	0.3359009	11.76	0.97812535	0	0.97812535	0.11455183
28	21	0	0.826	2.919934	0	0	0	0.3376773	11.76	0.9859955	0	0.9859955	0.12191312
28	22	0	0.805	2.643688	0	0	0	0.3348156	11.76	0.88514807	0	0.88514807	0.11786849
28	23	0	0.952	2.366962	0	0	0	0.3257487	11.76	0.77103471	0	0.77103471	0.11988795
28	24	0	1.015	2.130863	0	0	0	0.3269308	11.76	0.69664471	0	0.69664471	0.11999073
29	1	0	1.102	1.766104	0	0	0	0.3318072	11.76	0.58600605	0	0.58600605	0.13504944
29	2	0	0.958	1.504898	0	0	0	0.3325028	11.76	0.50038288	0	0.50038288	0.1137179
29	3	0	1.04	1.507426	0	0	0	0.3399915	11.76	0.51251195	0	0.51251195	0.11933802
29	4	0	0.889	1.441648	0	0	0	0.336467	11.76	0.48506696	0	0.48506696	0.10632461
29	5	0	0.932	1.532656	0	0	0	0.3295366	11.76	0.50506638	0	0.50506638	0.09886196
29	6	0	1.036	2.025054	0	0	0	0.3312948	11.76	0.67088974	0	0.67088974	0.1046905
29	7	0	0.939	2.187593	0	0	0	0.3296946	11.76	0.72123747	0	0.72123747	0.09528553
29	8	0	1.044	2.648321	0	0	0	0.289236	11.76	0.7659898	0	0.7659898	0.09747878
29	9	0	1.069	2.494486	0	0	0	0.2360667	11.76	0.5888651	0	0.5888651	0.07908895
29	10	0	0.907	2.331286	0	0	0	0.2357662	11.76	0.54963841	0	0.54963841	0.0667328
29	11	0	0.766	2.101271	0	0	0	0.2398607	11.76	0.50401249	0	0.50401249	0.04606668
29	12	0	0.668	1.956807	0	0	0	0.246222	11.76	0.48180891	0	0.48180891	0.04211864
29	13	0	0.527	1.766128	0	0	0	0.2441915	11.76	0.43127341	0	0.43127341	0.0273622
29	14	0	0.271	1.437012	0	0	0	0.232244	11.76	0.33373735	0	0.33373735	0.0041921
29	15	0	0.304	1.522678	0	0	0	0.2397263	11.76	0.36502601	0	0.36502601	0.00624432
29	16	0	0.214	1.473403	0	0	0	0.2839024	11.76	0.41830266	0	0.41830266	1.0492E-05
29	17	0	0.297	1.800912	0	0	0	0.3406941	11.76	0.61356022	0	0.61356022	0.01738795
29	18	0	0.378	2.246388	0	0	0	0.3353282	11.76	0.75327708	0	0.75327708	0.02884988
29	19	0	0.397	2.355803	0	0	0	0.3404812	11.76	0.80210661	0	0.80210661	0.03848515
29	20	0	0.316	2.467947	0	0	0	0.3359009	11.76	0.82898536	0	0.82898536	0.04098951
29	21	0	0.327	2.420934	0	0	0	0.3376773	11.76	0.8174945	0	0.8174945	0.04863714
29	22	0	0.349	2.187688	0	0	0	0.3348156	11.76	0.73247214	0	0.73247214	0.04655276
29	23	0	0.387	1.801962	0	0	0	0.3257487	11.76	0.58698665	0	0.58698665	0.04822327
29	24	0	0.537	1.652863	0	0	0	0.3269308	11.76	0.54037182	0	0.54037182	0.05623917
30	1	0	0.511	1.175104	0	0	0	0.3318072	11.76	0.389908	0	0.389908	0.05773834
30	2	0	0.746	1.291898	0	0	0	0.3325028	11.76	0.42955977	0	0.42955977	0.08113269
30	3	0	0.848	1.315426	0	0	0	0.3399915	11.76	0.44723357	0	0.44723357	0.09655862
30	4	0	1.049	1.601648	0	0	0	0.336467	11.76	0.53890171	0	0.53890171	0.13425135
30	5	0	1.068	1.668656	0	0	0	0.3295366	11.76	0.54988342	0	0.54988342	0.13609953
30	6	0	1.055	2.044053	0	0	0	0.3312948	11.76	0.67718428	0	0.67718428	0.14775887
30	7	0	1.127	2.375592	0	0	0	0.3296946	11.76	0.78322005	0	0.78322005	0.15627909
30	8	0	1.145	2.749321	0	0	0	0.289236	11.76	0.79520259	0	0.79520259	0.13536871
30	9	0	1.148	2.573486	0	0	0	0.2360667	11.76	0.60751437	0	0.60751437	0.1081252
30	10	0	0.76	2.184286	0	0	0	0.2357662	11.76	0.51498076	0	0.51498076	0.06814735

30	11	0	0.567	1.902271	0	0	0	0.2398607	11.76	0.45628017	0	0.45628017	0.04174921
30	12	0	0.224	1.512807	0	0	0	0.246222	11.76	0.37248634	0	0.37248634	0.0071551
30	13	0	0.212	1.451128	0	0	0	0.2441915	11.76	0.35435307	0	0.35435307	0.00880362
30	14	0	0.388	1.554012	0	0	0	0.232244	11.76	0.36090987	0	0.36090987	0.02880998
30	15	0	0.472	1.690678	0	0	0	0.2397263	11.76	0.40530003	0	0.40530003	0.04028548
30	16	0	0.509	1.768403	0	0	0	0.2839024	11.76	0.50205386	0	0.50205386	0.03322707
30	17	0	0.675	2.178912	0	0	0	0.3406941	11.76	0.74234256	0	0.74234256	0.0845047
30	18	0	0.726	2.594388	0	0	0	0.3353282	11.76	0.8699713	0	0.8699713	0.09390355
30	19	0	0.749	2.707803	0	0	0	0.3404812	11.76	0.921956	0	0.921956	0.10385751
30	20	0	0.809	2.960947	0	0	0	0.3359009	11.76	0.9945845	0	0.9945845	0.11791076
30	21	0	0.833	2.926934	0	0	0	0.3376773	11.76	0.98835923	0	0.98835923	0.12157546
30	22	0	0.894	2.732688	0	0	0	0.3348156	11.76	0.91494665	0	0.91494665	0.1382922
30	23	0	1	2.414962	0	0	0	0.3257487	11.76	0.7866706	0	0.7866706	0.14073583
30	24	0	1.017	2.132863	0	0	0	0.3269308	11.76	0.6972986	0	0.6972986	0.14320277
31	1	0	1.21	1.874104	0	0	0	0.3318072	11.76	0.62184124	0	0.62184124	0.15794406
31	2	0	1.297	1.843898	0	0	0	0.3325028	11.76	0.61310128	0	0.61310128	0.17622849
31	3	0	1.283	1.750426	0	0	0	0.3399915	11.76	0.5951299	0	0.5951299	0.15707706
31	4	0	1.295	1.847648	0	0	0	0.336467	11.76	0.62167261	0	0.62167261	0.15746757
31	5	0	1.29	1.890656	0	0	0	0.3295366	11.76	0.62304052	0	0.62304052	0.15323553
31	6	0	1.187	2.176054	0	0	0	0.3312948	11.76	0.72091526	0	0.72091526	0.13980773
31	7	0	1.228	2.476593	0	0	0	0.3296946	11.76	0.81651923	0	0.81651923	0.14770695
31	8	0	1.181	2.785321	0	0	0	0.289236	11.76	0.80561509	0	0.80561509	0.12235307
31	9	0	1.092	2.517486	0	0	0	0.2360667	11.76	0.59429464	0	0.59429464	0.08947587
31	10	0	0.952	2.376286	0	0	0	0.2357662	11.76	0.56024791	0	0.56024791	0.07616338
31	11	0	0.8	2.135271	0	0	0	0.2398607	11.76	0.51216773	0	0.51216773	0.0503842
31	12	0	0.628	1.916807	0	0	0	0.246222	11.76	0.47196003	0	0.47196003	0.03103863
31	13	0	0.524	1.763128	0	0	0	0.2441915	11.76	0.43054083	0	0.43054083	0.01759452
31	14	0	0.788	1.954012	0	0	0	0.232244	11.76	0.45380749	0	0.45380749	0.04646049
31	15	0	0.821	2.039678	0	0	0	0.2397263	11.76	0.48896454	0	0.48896454	0.0489156
31	16	0	0.866	2.125403	0	0	0	0.2839024	11.76	0.60340706	0	0.60340706	0.0661597
31	17	0	0.91	2.413912	0	0	0	0.3406941	11.76	0.82240572	0	0.82240572	0.09711036
31	18	0	0.896	2.764388	0	0	0	0.3353282	11.76	0.92697703	0	0.92697703	0.10463407
31	19	0	0.937	2.895803	0	0	0	0.3404812	11.76	0.98596654	0	0.98596654	0.11679575
31	20	0	0.906	3.057946	0	0	0	0.3359009	11.76	1.02716684	0	1.02716684	0.1115287
31	21	0	0.929	3.022934	0	0	0	0.3376773	11.76	1.02077623	0	1.02077623	0.12326381
31	22	0	0.942	2.780688	0	0	0	0.3348156	11.76	0.93101775	0	0.93101775	0.12322555
31	23	0	0.95	2.364962	0	0	0	0.3257487	11.76	0.77038318	0	0.77038318	0.11435023
31	24	0	0.938	2.053863	0	0	0	0.3269308	11.76	0.67147107	0	0.67147107	0.10952892
32	1	0	0.834	1.499104	0	0	0	0.2837056	11.76	0.42530423	0	0.42530423	0.07887344
32	2	0	0.78	1.326898	0	0	0	0.2912024	11.76	0.38639596	0	0.38639596	0.0728023
32	3	0	0.748	1.215426	0	0	0	0.2930735	11.76	0.35620903	0	0.35620903	0.06623546
32	4	0	0.704	1.256648	0	0	0	0.2935986	11.76	0.36895007	0	0.36895007	0.05989502
32	5	0	0.748	1.348656	0	0	0	0.2819288	11.76	0.38022508	0	0.38022508	0.05976976
32	6	0	0.655	1.645054	0	0	0	0.2690321	11.76	0.44257217	0	0.44257217	0.05326943
32	7	0	0.556	1.807593	0	0	0	0.2512976	11.76	0.45424373	0	0.45424373	0.04699551
32	8	0	0.653	2.266321	0	0	0	0.189305	11.76	0.42902577	0	0.42902577	0.04316563
32	9	0	0.607	2.039486	0	0	0	0.1777118	11.76	0.36244073	0	0.36244073	0.02648405
32	10	0	0.335	1.766286	0	0	0	0.1732884	11.76	0.30607683	0	0.30607683	0.01283138
32	11	0	0.706	2.048271	0	0	0	0.1771256	11.76	0.36280119	0	0.36280119	0.03596647
32	12	0	0.261	1.555807	0	0	0	0.17839	11.76	0.2775404	0	0.2775404	-0.0051627
32	13	0	0	1.291128	0	0	0	0.1737682	11.76	0.22435699	0	0.22435699	9.0524E-06
32	14	0	0	1.217012	0	0	0	0.1748314	11.76	0.21277186	0	0.21277186	-0.000166
32	15	0	0	1.267678	0	0	0	0.1787339	11.76	0.22657701	0	0.22657701	8.5227E-06
32	16	0	0	1.308403	0	0	0	0.1873651	11.76	0.24514908	0	0.24514908	-0.0001804
32	17	0	0	1.551912	0	0	0	0.2482257	11.76	0.38522449	0	0.38522449	9.1436E-06
32	18	0	0.096	1.969388	0	0	0	0.2603291	11.76	0.51268892	0	0.51268892	-0.0002513
32	19	0	0.096	2.060803	0	0	0	0.254136	11.76	0.52372408	0	0.52372408	-0.0002461
32	20	0	0.096	2.253947	0	0	0	0.2567631	11.76	0.57873029	0	0.57873029	7.3461E-06
32	21	0	0.22	2.320934	0	0	0	0.2574668	11.76	0.59756349	0	0.59756349	0.01339712
32	22	0	0.4	2.244688	0	0	0	0.256088	11.76	0.57483769	0	0.57483769	0.04713045
32	23	0	0.631	2.050962	0	0	0	0.2657955	11.76	0.5451364	0	0.5451364	0.07974877
32	24	0	0.652	1.771863	0	0	0	0.2766349	11.76	0.4901591	0	0.4901591	0.08465627
33	1	0	1.084	1.749104	0	0	0	0.2837056	11.76	0.49623063	0	0.49623063	0.14043756
33	2	0	1.133	1.679898	0	0	0	0.2912024	11.76	0.48919038	0	0.48919038	0.15084461
33	3	0	1.173	1.640426	0	0	0	0.2930735	11.76	0.48076524	0	0.48076524	0.14800297
33	4	0	1.246	1.798648	0	0	0	0.2935986	11.76	0.5280805	0	0.5280805	0.1605993
33	5	0	1.318	1.918656	0	0	0	0.2819288	11.76	0.5409245	0	0.5409245	0.15675324
33	6	0	1.142	2.132053	0	0	0	0.2690321	11.76	0.57359076	0	0.57359076	0.12590815
33	7	0	1.117	2.368593	0	0	0	0.2512976	11.76	0.5952217	0	0.5952217	0.11183031
33	8	0	1.15	2.763321	0	0	0	0.189305	11.76	0.52311038	0	0.52311038	0.07970145
33	9	0	1.204	2.636486	0	0	0	0.1777118	11.76	0.46853467	0	0.46853467	0.07890905
33	10	0	0.814	2.245286	0	0	0	0.1732884	11.76	0.389082	0	0.389082	0.05008837
33	11	0	0.621	1.963271	0	0	0	0.1771256	11.76	0.34774556	0	0.34774556	0.03153827
33	12	0	0.243	1.537807	0	0	0	0.17839	11.76	0.27432938	0	0.27432938	0.00340003
33	13	0	0.204	1.449128	0	0	0	0.1737682	11.76	0.25181239	0	0.25181239	0.0024418
33	14	0	0.247	1.418012	0	0	0	0.1748314	11.76	0.24791297	0	0.24791297	0.00245647
33	15	0	0.284	1.506678	0	0	0	0.1787339	11.76	0.2692944	0	0.2692944	0.00322576
33	16	0	0.241	1.504403	0	0	0	0.1873651	11.76	0.28187266	0	0.28187266	0.0028174
33	17	0	0.262	1.769912	0	0	0	0.2482257	11.76	0.43933771	0	0.43933771	0.00919348
33	18	0	0.261	2.135388	0	0	0	0.2603291	11.76	0.55590358	0	0.55590358	0.01458743
33	19	0	0.275	2.240803	0	0	0	0.254136	11.76	0.56946857	0	0.56946857	0.0226261
33	20	0	0.283	2.441947	0	0	0	0.2567631	11.76	0.62700175	0	0.62700175	0.02722422
33	21	0	0.442	2.542934	0	0	0	0.2574668	11.76	0.65472108	0	0.65472108	0.03399451
33	22	0	0.456	2.300688	0	0	0	0.256088	11.76	0.58917861	0	0.58917861	0.03893568
33	23	0	0.535	1.954962	0	0	0	0.2657955	11.76	0.51961999	0	0.51961999	0.04732173
33	24	0	0.58	1.699863	0	0	0	0.2766349	11.76	0.47024138	0	0.47024138	0.05505634
34	1	0	0.721	1.386104	0	0	0	0.2837056	11.76	0.39324549	0	0.39324549	0.06866007
34	2	0	0.699	1.245898	0	0	0	0.2912024	11.76	0.36280854	0	0.36280854	0.0690167
34	3	0	0.71	1.177426	0	0	0	0.2930735	11.76	0.34507224	0	0.34507224	0.06828697
34	4	0	0.847	1.399648	0	0	0	0.2935986	11.76	0.4109347	0	0.4109347	0.08220843
34	5	0	0.86	1.460656	0	0	0	0.2819288	11.76	0.41180111	0	0.41180111	0.0828879
34	6	0	0.827	1.817053	0	0	0	0.2690321	11.76	0.48884567	0	0.48884567	0.07828943
34	7	0	0.879	2.130592	0	0	0	0.2512976	11.76	0.53541282	0	0.53541282	0.07488966
34	8	0	0.824	2.437321	0	0	0	0.189305	11.76	0.46139692	0	0.46139692	0.05338812
34	9	0	0.602	2.034486	0	0	0	0.1777118	11.76	0.36155215	0	0.36155215	0.02950514
34	10	0	0.286	1.717286	0	0	0	0.1732884	11.76	0.29758572	0	0.29758572	0.00243406
34	11	0	0	1.388271	0	0	0	0.1771256	11.76	0.24589835	0	0.24589835	9.9241E-06
34	12	0	0	1.340807	0	0	0	0.17839	11.76	0.23918655	0	0.23918655	-0.0001678
34	13	0	0.096	1.340128	0	0	0	0.1737682	11.76	0.23287163	0	0.23287163	9.0524E-06
34	14	0	0	1.216012	0	0	0	0.1748314	11.76	0.21259702	0	0.21259702	8.8368E-06
34	15	0	0	1.267678	0	0	0	0.1787339	11.76	0.22657701	0	0.22657701	-0.0001702
34	16	0	0.096	1.357403	0	0	0	0.1873651	11.76	0.25432997	0	0.25432997	-0.0001804
34	17	0	0.096	1.601912	0	0	0	0.2482257	11.76	0.3976358	0	0.3976358	9.1436E-06
34	18	0	0.096	1.969388	0	0	0	0.2603291	11.76	0.51268892	0	0.51268892	-0.0002513
34	19	0	0.096	2.060803	0	0	0	0.254136	11.76	0.52372408	0	0.52372408	-0.0002461
34	20	0	0.096	2.253947	0	0	0	0.2567631	11.76	0.57873029	0	0.57873029	-0.0002495
34	21	0	0.096	2.195934	0	0	0	0.2574668	11.76	0.56538014	0	0.56538014	8.8394E-06
34	22	0	0.135	1.979688	0	0	0	0.256088	11.76	0.50697441	0	0.50697441	0.00513201
34	23	0	0.359	1.778962	0	0	0	0.2657955	11.76	0.47284002	0	0.47284002	0.04067681
34	24	0	0.562	1.681863	0	0	0	0.2766349	11.76	0.46526199	0	0.46526199	0.07165442
35	1	0	0.645	1.310104	0	0	0	0.2837056	11.76	0.37168387	0	0.37168387	0.08710092
35	2	0	0.726	1.272898	0	0	0	0.2912024	11.76	0.37067099	0	0.37067099	0.1016314
35	3	0	0.76	1.227426	0	0	0	0.2930735	11.76	0.3597259	0	0.3597259	0.09876664
35	4	0	0.777	1.329648	0	0	0	0.2935986	11.76	0.39038278	0	0.39038278	0.09718203
35	5	0	0.801	1.401656	0	0	0	0.2819288	11.76	0.3951673	0	0.3951673	0.09557471
35	6	0	0.772	1.762053	0	0	0	0.2690321	11.76	0.47404892	0	0.47404892	0.08636035
35	7	0	0.756	2.007593	0	0	0	0.2512976	11.76	0.50450329	0	0.50450329	0.07639733
35	8	0	0.715	2.328321	0	0	0	0.189305	11.76	0.44076268	0	0.44076268	0.05395599

35	9	0	0.71	2.142486	0	0	0	0.1777118	11.76	0.38074503	0	0.38074503	0.04692091
35	10	0	0.651	2.082286	0	0	0	0.1732884	11.76	0.36083601	0	0.36083601	0.04333012
35	11	0	0.572	1.914271	0	0	0	0.1771256	11.76	0.3390664	0	0.3390664	0.03880044
35	12	0	0.491	1.785807	0	0	0	0.17839	11.76	0.31857009	0	0.31857009	0.03265602
35	13	0	0.437	1.682128	0	0	0	0.1737682	11.76	0.29230037	0	0.29230037	0.02451038
35	14	0	0.511	1.682012	0	0	0	0.1748314	11.76	0.29406845	0	0.29406845	0.02938051
35	15	0	0.504	1.726678	0	0	0	0.1787339	11.76	0.30861586	0	0.30861586	0.02663988
35	16	0	0.524	1.787403	0	0	0	0.1873651	11.76	0.334897	0	0.334897	0.02773697
35	17	0	0.589	2.096912	0	0	0	0.2482257	11.76	0.52050749	0	0.52050749	0.04220756
35	18	0	0.585	2.459388	0	0	0	0.2603291	11.76	0.64025017	0	0.64025017	0.04947154
35	19	0	0.63	2.595803	0	0	0	0.254136	11.76	0.65968684	0	0.65968684	0.05185173
35	20	0	0.714	2.872947	0	0	0	0.2567631	11.76	0.73766664	0	0.73766664	0.0726713
35	21	0	0.766	2.866934	0	0	0	0.2574668	11.76	0.73814035	0	0.73814035	0.0921819
35	22	0	0.837	2.681688	0	0	0	0.256088	11.76	0.68674815	0	0.68674815	0.10167721
35	23	0	0.901	2.320962	0	0	0	0.2657955	11.76	0.61690111	0	0.61690111	0.09596232
35	24	0	0.967	2.086863	0	0	0	0.2766349	11.76	0.5772991	0	0.5772991	0.09931791
36	1	0	1.06	1.725104	0	0	0	0.2837056	11.76	0.48942169	0	0.48942169	0.11462036
36	2	0	1.187	1.733898	0	0	0	0.2912024	11.76	0.50491531	0	0.50491531	0.12725715
36	3	0	1.203	1.670426	0	0	0	0.2930735	11.76	0.48955747	0	0.48955747	0.12455708
36	4	0	1.255	1.807648	0	0	0	0.2935986	11.76	0.53072291	0	0.53072291	0.12889065
36	5	0	1.275	1.875656	0	0	0	0.2819288	11.76	0.52880157	0	0.52880157	0.12404951
36	6	0	1.34	2.330054	0	0	0	0.2690321	11.76	0.62685916	0	0.62685916	0.1245629
36	7	0	1.289	2.540593	0	0	0	0.2512976	11.76	0.63844493	0	0.63844493	0.11434328
36	8	0	1.32	2.933321	0	0	0	0.189305	11.76	0.55529224	0	0.55529224	0.0889774
36	9	0	1.226	2.658486	0	0	0	0.1777118	11.76	0.47244434	0	0.47244434	0.0767765
36	10	0	1.128	2.559286	0	0	0	0.1732884	11.76	0.44349454	0	0.44349454	0.06395147
36	11	0	0.974	2.316271	0	0	0	0.1771256	11.76	0.41027087	0	0.41027087	0.05049073
36	12	0	0.642	1.936807	0	0	0	0.17839	11.76	0.34550698	0	0.34550698	0.02373648
36	13	0	0.368	1.613128	0	0	0	0.1737682	11.76	0.28031038	0	0.28031038	-0.0024237
36	14	0	0.096	1.267012	0	0	0	0.1748314	11.76	0.22151342	0	0.22151342	8.8368E-06
36	15	0	0.096	1.318678	0	0	0	0.1787339	11.76	0.23569244	0	0.23569244	8.5227E-06
36	16	0	0.096	1.359403	0	0	0	0.1873651	11.76	0.25470472	0	0.25470472	-0.0001804
36	17	0	0.096	1.602912	0	0	0	0.2482257	11.76	0.397884	0	0.397884	9.1436E-06
36	18	0	0.27	2.144388	0	0	0	0.2603291	11.76	0.5582465	0	0.5582465	-0.0455485
36	19	0	0.406	2.371803	0	0	0	0.254136	11.76	0.60276039	0	0.60276039	0.00737795
36	20	0	0.595	2.753947	0	0	0	0.2567631	11.76	0.70711184	0	0.70711184	0.04648147
36	21	0	0.647	2.747934	0	0	0	0.2574668	11.76	0.70750181	0	0.70750181	0.05948365
36	22	0	0.791	2.635688	0	0	0	0.256088	11.76	0.6749681	0	0.6749681	0.08298279
36	23	0	0.927	2.346962	0	0	0	0.2657955	11.76	0.6238118	0	0.6238118	0.10526518
36	24	0	0.992	2.111863	0	0	0	0.2766349	11.76	0.58421494	0	0.58421494	0.11563938
37	1	0	1.21	1.875104	0	0	0	0.2837056	11.76	0.53197755	0	0.53197755	0.14100497
37	2	0	1.391	1.937898	0	0	0	0.2912024	11.76	0.5643206	0	0.5643206	0.1651135
37	3	0	1.277	1.744426	0	0	0	0.2930735	11.76	0.51124487	0	0.51124487	0.15210602
37	4	0	1.281	1.833648	0	0	0	0.2935986	11.76	0.53835648	0	0.53835648	0.15002975
37	5	0	1.28	1.880656	0	0	0	0.2819288	11.76	0.53021124	0	0.53021124	0.13870983
37	6	0	1.305	2.295053	0	0	0	0.2690321	11.76	0.61744302	0	0.61744302	0.13747646
37	7	0	1.336	2.587593	0	0	0	0.2512976	11.76	0.6502559	0	0.6502559	0.12816461
37	8	0	1.293	2.906321	0	0	0	0.189305	11.76	0.55018097	0	0.55018097	0.09181695
37	9	0	1.174	2.606486	0	0	0	0.1777118	11.76	0.46320332	0	0.46320332	0.07322226
37	10	0	0.7	2.131286	0	0	0	0.1732884	11.76	0.36932711	0	0.36932711	0.02600129
37	11	0	0.277	1.619271	0	0	0	0.1771256	11.76	0.28681434	0	0.28681434	-0.0022927
37	12	0	0.096	1.390807	0	0	0	0.17839	11.76	0.24810604	0	0.24810604	1.0633E-05
37	13	0	0.096	1.341128	0	0	0	0.1737682	11.76	0.23304541	0	0.23304541	9.0524E-06
37	14	0	0.096	1.267012	0	0	0	0.1748314	11.76	0.22151342	0	0.22151342	8.8368E-06
37	15	0	0.096	1.317678	0	0	0	0.1787339	11.76	0.23551369	0	0.23551369	8.544E-06
37	16	0	0.096	1.358403	0	0	0	0.1873651	11.76	0.25451735	0	0.25451735	-0.0001804
37	17	0	0.096	1.601912	0	0	0	0.2482257	11.76	0.3976358	0	0.3976358	9.1436E-06
37	18	0	0.096	1.968388	0	0	0	0.2603291	11.76	0.51242858	0	0.51242858	9.0308E-06
37	19	0	0.096	2.060803	0	0	0	0.254136	11.76	0.52372408	0	0.52372408	-0.0002461
37	20	0	0.169	2.326946	0	0	0	0.2567631	11.76	0.59747399	0	0.59747399	0.03133244
37	21	0	0.463	2.563934	0	0	0	0.2574668	11.76	0.66012792	0	0.66012792	0.07647646
37	22	0	0.697	2.541688	0	0	0	0.256088	11.76	0.65089586	0	0.65089586	0.10705503
37	23	0	0.929	2.348962	0	0	0	0.2657955	11.76	0.62434342	0	0.62434342	0.13822378
37	24	0	1.105	2.224863	0	0	0	0.2766349	11.76	0.61547472	0	0.61547472	0.16294394
38	1	0	1.14	1.805104	0	0	0	0.2837056	11.76	0.51211815	0	0.51211815	0.16341774
38	2	0	1.233	1.779898	0	0	0	0.2912024	11.76	0.51831059	0	0.51831059	0.16744312
38	3	0	1.289	1.756426	0	0	0	0.2930735	11.76	0.51476178	0	0.51476178	0.17086269
38	4	0	1.307	1.859648	0	0	0	0.2935986	11.76	0.54599005	0	0.54599005	0.16559047
38	5	0	1.327	1.927656	0	0	0	0.2819288	11.76	0.54346188	0	0.54346188	0.15562554
38	6	0	1.381	2.371053	0	0	0	0.2690321	11.76	0.63788945	0	0.63788945	0.14877582
38	7	0	1.314	2.565593	0	0	0	0.2512976	11.76	0.64472734	0	0.64472734	0.13017502
38	8	0	1.402	3.015321	0	0	0	0.189305	11.76	0.5708152	0	0.5708152	0.10563625
38	9	0	1.106	2.538486	0	0	0	0.1777118	11.76	0.4511189	0	0.4511189	0.06966803
38	10	0	0.624	2.055286	0	0	0	0.1732884	11.76	0.35615719	0	0.35615719	0.02877391
38	11	0	0.244	1.586271	0	0	0	0.1771256	11.76	0.2809692	0	0.2809692	0.00054133
38	12	0	0.096	1.390807	0	0	0	0.17839	11.76	0.24810604	0	0.24810604	1.0633E-05
38	13	0	0.096	1.341128	0	0	0	0.1737682	11.76	0.23304541	0	0.23304541	9.0524E-06
38	14	0	0.096	1.266012	0	0	0	0.1748314	11.76	0.2213386	0	0.2213386	8.816E-06
38	15	0	0.096	1.317678	0	0	0	0.1787339	11.76	0.23551369	0	0.23551369	-0.0001702
38	16	0	0.096	1.357403	0	0	0	0.1873651	11.76	0.25432997	0	0.25432997	6.9241E-06
38	17	0	0.096	1.601912	0	0	0	0.2482257	11.76	0.3976358	0	0.3976358	-0.0002391
38	18	0	0.096	1.968388	0	0	0	0.2603291	11.76	0.51242858	0	0.51242858	-0.0002513
38	19	0	0.096	2.059803	0	0	0	0.254136	11.76	0.52346996	0	0.52346996	7.998E-06
38	20	0	0.096	2.253947	0	0	0	0.2567631	11.76	0.57873029	0	0.57873029	7.3461E-06
38	21	0	0.184	2.283934	0	0	0	0.2574668	11.76	0.58803723	0	0.58803723	0.06849501
38	22	0	0.617	2.461688	0	0	0	0.256088	11.76	0.63040878	0	0.63040878	0.12165209
38	23	0	0.888	2.307962	0	0	0	0.2657955	11.76	0.61344583	0	0.61344583	0.15284255
38	24	0	1.039	2.158863	0	0	0	0.2766349	11.76	0.59721682	0	0.59721682	0.16515699
39	1	0	1.278	1.943104	0	0	0	0.2837056	11.76	0.55126949	0	0.55126949	0.18838389
39	2	0	1.475	2.021898	0	0	0	0.2912024	11.76	0.5887816	0	0.5887816	0.20384342
39	3	0	1.56	2.027426	0	0	0	0.2930735	11.76	0.5941847	0	0.5941847	0.21423753
39	4	0	1.617	2.169648	0	0	0	0.2935986	11.76	0.63700558	0	0.63700558	0.21462137
39	5	0	1.655	2.255656	0	0	0	0.2819288	11.76	0.63593456	0	0.63593456	0.20468117
39	6	0	1.731	2.721054	0	0	0	0.2690321	11.76	0.73205071	0	0.73205071	0.19989187
39	7	0	1.728	2.979593	0	0	0	0.2512976	11.76	0.74876457	0	0.74876457	0.17917811
39	8	0	1.702	3.315321	0	0	0	0.189305	11.76	0.62760673	0	0.62760673	0.13232821
39	9	0	1.354	2.786486	0	0	0	0.1777118	11.76	0.49519146	0	0.49519146	0.09081573
39	10	0	0.78	2.211286	0	0	0	0.1732884	11.76	0.38319017	0	0.38319017	0.03397256
39	11	0	0.325	1.667271	0	0	0	0.1771256	11.76	0.29531639	0	0.29531639	-0.0006986
39	12	0	0.096	1.390807	0	0	0	0.17839	11.76	0.24810604	0	0.24810604	1.0633E-05
39	13	0	0.096	1.341128	0	0	0	0.1737682	11.76	0.23304541	0	0.23304541	-0.0001647
39	14	0	0.096	1.266012	0	0	0	0.1748314	11.76	0.2213386	0	0.2213386	8.816E-06
39	15	0	0.096	1.317678	0	0	0	0.1787339	11.76	0.23551369	0	0.23551369	-0.0001702
39	16	0	0.096	1.357403	0	0	0	0.1873651	11.76	0.25432997	0	0.25432997	-0.0001804
39	17	0	0.096	1.601912	0	0	0	0.2482257	11.76	0.3976358	0	0.3976358	-0.0002391
39	18	0	0.096	1.968388	0	0	0	0.2603291	11.76	0.51242858	0	0.51242858	-0.0002513
39	19	0	0.096	2.059803	0	0	0	0.254136	11.76	0.52346996	0	0.52346996	-0.0002461
39	20	0	0.096	2.253947	0	0	0	0.2567631	11.76	0.57873029	0	0.57873029	-0.0002495
39	21	0	0.096	2.195934	0	0	0	0.2574668	11.76	0.56538014	0	0.56538014	8.8394E-06
39	22	0	0.489	2.333688	0	0	0	0.256088	11.76	0.59762951	0	0.59762951	0.07069055
39	23	0	0.818	2.237962	0	0	0	0.2657955	11.76	0.5948401	0	0.5948401	0.11669439
39	24	0	1.117	2.236863	0	0	0	0.2766349	11.76	0.6187943	0	0.6187943	0.1601776
40	1	0	1.345	2.010104	0	0	0	0.2837056	11.76	0.57027778	0	0.57027778	0.19093715
40	2	0	1.496	2.042898	0	0	0	0.2912024	11.76	0.59489682	0	0.59489682	0.20937628
40	3	0	1.612	2.079426	0	0	0	0.2930735	11.76	0.60942453	0	0.60942453	0.21628903
40	4	0	1.656	2.208648	0	0	0	0.2935986	11.76	0.64845587	0	0.64845587	0.22431019
40	5	0	1.787	2.388656	0	0	0	0.2819288	11.76	0.67343107	0	0.67343107	0.23005481
40	6	0	1.66	2.650054	0	0	0	0.2690321	11.76	0.71294941	0	0.71294941	0.19773964

40	7	0	1.729	2.980593	0	0	0	0.2512976	11.76	0.74901591	0	0.74901591	0.18721959
40	8	0	1.758	3.371321	0	0	0	0.189305	11.76	0.63820776	0	0.63820776	0.13687156
40	9	0	1.363	2.795485	0	0	0	0.1777118	11.76	0.49679084	0	0.49679084	0.09650252
40	10	0	0.816	2.247286	0	0	0	0.1732884	11.76	0.38942859	0	0.38942859	0.04159724
40	11	0	0.392	1.734271	0	0	0	0.1771256	11.76	0.30718378	0	0.30718378	0.01134598
40	12	0	0.096	1.390807	0	0	0	0.17839	11.76	0.24810604	0	0.24810604	1.0633E-05
40	13	0	0.096	1.341128	0	0	0	0.1737682	11.76	0.23304541	0	0.23304541	9.0524E-06
40	14	0	0.096	1.267012	0	0	0	0.1748314	11.76	0.22151342	0	0.22151342	-0.000166
40	15	0	0.096	1.317678	0	0	0	0.1787339	11.76	0.23551369	0	0.23551369	8.544E-06
40	16	0	0.096	1.358403	0	0	0	0.1873651	11.76	0.25451735	0	0.25451735	6.9241E-06
40	17	0	0.096	1.602912	0	0	0	0.2482257	11.76	0.397884	0	0.397884	-0.0002391
40	18	0	0.096	1.969388	0	0	0	0.2603291	11.76	0.51268892	0	0.51268892	9.0308E-06
40	19	0	0.419	2.384803	0	0	0	0.254136	11.76	0.60606416	0	0.60606416	0.02796293
40	20	0	0.504	2.662946	0	0	0	0.2567631	11.76	0.68374638	0	0.68374638	0.05264376
40	21	0	0.659	2.759934	0	0	0	0.2574668	11.76	0.71059144	0	0.71059144	0.08033842
40	22	0	0.802	2.646688	0	0	0	0.256088	11.76	0.6777851	0	0.6777851	0.09962847
40	23	0	1.056	2.475962	0	0	0	0.2657955	11.76	0.6580994	0	0.6580994	0.13902123
40	24	0	1.251	2.370863	0	0	0	0.2766349	11.76	0.65586339	0	0.65586339	0.16266733
41	1	0	1.367	2.032104	0	0	0	0.2837056	11.76	0.57651932	0	0.57651932	0.17249627
41	2	0	1.51	2.056898	0	0	0	0.2912024	11.76	0.59897371	0	0.59897371	0.18899206
41	3	0	1.579	2.046426	0	0	0	0.2930735	11.76	0.59975311	0	0.59975311	0.19782541
41	4	0	1.664	2.216648	0	0	0	0.2935986	11.76	0.6508047	0	0.6508047	0.20229029
41	5	0	1.575	2.176656	0	0	0	0.2819288	11.76	0.61366218	0	0.61366218	0.181563
41	6	0	1.491	2.481053	0	0	0	0.2690321	11.76	0.66748295	0	0.66748295	0.16168939
41	7	0	1.596	2.847593	0	0	0	0.2512976	11.76	0.71559329	0	0.71559329	0.15580744
41	8	0	1.618	3.231321	0	0	0	0.189305	11.76	0.61170509	0	0.61170509	0.11453357
41	9	0	1.213	2.645486	0	0	0	0.1777118	11.76	0.47013409	0	0.47013409	0.07357766
41	10	0	0.946	2.377286	0	0	0	0.1732884	11.76	0.41195606	0	0.41195606	0.04835549
41	11	0	0.64	1.982271	0	0	0	0.1771256	11.76	0.35111093	0	0.35111093	0.02215064
41	12	0	0.405	1.699807	0	0	0	0.17839	11.76	0.30322855	0	0.30322855	0.00090258
41	13	0	0.265	1.510128	0	0	0	0.1737682	11.76	0.26241222	0	0.26241222	-0.0114596
41	14	0	0.222	1.393012	0	0	0	0.1748314	11.76	0.24354219	0	0.24354219	-0.0220199
41	15	0	0.165	1.387678	0	0	0	0.1787339	11.76	0.24802508	0	0.24802508	-0.0123241
41	16	0	0.096	1.359403	0	0	0	0.1873651	11.76	0.25470472	0	0.25470472	6.9241E-06
41	17	0	0.237	1.744912	0	0	0	0.2482257	11.76	0.43313204	0	0.43313204	-0.0146361
41	18	0	0.472	2.346388	0	0	0	0.2603291	11.76	0.61083301	0	0.61083301	0.02656257
41	19	0	0.657	2.622803	0	0	0	0.254136	11.76	0.66654849	0	0.66654849	0.05617209
41	20	0	0.689	2.847946	0	0	0	0.2567631	11.76	0.73124754	0	0.73124754	0.06881989
41	21	0	0.841	2.941934	0	0	0	0.2574668	11.76	0.75745037	0	0.75745037	0.09218196
41	22	0	0.943	2.787688	0	0	0	0.256088	11.76	0.71389346	0	0.71389346	0.10346981
41	23	0	1.064	2.483962	0	0	0	0.2657955	11.76	0.6602258	0	0.6602258	0.12068128
41	24	0	1.25	2.369863	0	0	0	0.2766349	11.76	0.65558677	0	0.65558677	0.14274954
42	1	0	1.357	2.022104	0	0	0	0.2837056	11.76	0.57368227	0	0.57368227	0.15320434
42	2	0	1.44	1.986898	0	0	0	0.2912024	11.76	0.57858949	0	0.57858949	0.16802555
42	3	0	1.491	1.958426	0	0	0	0.2930735	11.76	0.57396259	0	0.57396259	0.17467265
42	4	0	1.503	2.055648	0	0	0	0.2935986	11.76	0.60353532	0	0.60353532	0.17381119
42	5	0	1.505	2.105656	0	0	0	0.2819288	11.76	0.59364521	0	0.59364521	0.16210991
42	6	0	1.407	2.397053	0	0	0	0.2690321	11.76	0.64488429	0	0.64488429	0.1436642
42	7	0	1.373	2.624593	0	0	0	0.2512976	11.76	0.6595539	0	0.6595539	0.12565163
42	8	0	1.337	2.950321	0	0	0	0.189305	11.76	0.55851037	0	0.55851037	0.08954532
42	9	0	1.297	2.729486	0	0	0	0.1777118	11.76	0.48506186	0	0.48506186	0.07873135
42	10	0	1.228	2.659286	0	0	0	0.1732884	11.76	0.46082341	0	0.46082341	0.06811034
42	11	0	0.955	2.297271	0	0	0	0.1771256	11.76	0.40690547	0	0.40690547	0.0474796
42	12	0	0.862	2.156807	0	0	0	0.17839	11.76	0.38475278	0	0.38475278	0.03872126
42	13	0	0.659	1.904128	0	0	0	0.1737682	11.76	0.33087691	0	0.33087691	0.02381529
42	14	0	0.603	1.774012	0	0	0	0.1748314	11.76	0.31015294	0	0.31015294	0.01784164
42	15	0	0.518	1.740678	0	0	0	0.1787339	11.76	0.31111814	0	0.31111814	0.01448596
42	16	0	0.643	1.906403	0	0	0	0.1873651	11.76	0.35719344	0	0.35719344	0.02455177
42	17	0	0.633	2.140912	0	0	0	0.2482257	11.76	0.53142946	0	0.53142946	0.04394507
42	18	0	0.702	2.576388	0	0	0	0.2603291	11.76	0.6707087	0	0.6707087	0.06144668
42	19	0	0.874	2.839803	0	0	0	0.254136	11.76	0.721696	0	0.721696	0.08311049
42	20	0	0.904	3.062947	0	0	0	0.2567631	11.76	0.78645164	0	0.78645164	0.10142876
42	21	0	0.985	3.085934	0	0	0	0.2574668	11.76	0.79452554	0	0.79452554	0.10454039
42	22	0	1.113	2.957688	0	0	0	0.256088	11.76	0.75742843	0	0.75742843	0.11704247
42	23	0	1.338	2.757962	0	0	0	0.2657955	11.76	0.73305374	0	0.73305374	0.14035018
42	24	0	1.458	2.577863	0	0	0	0.2766349	11.76	0.71312681	0	0.71312681	0.15575143
43	1	0	1.635	2.300104	0	0	0	0.2837056	11.76	0.65255239	0	0.65255239	0.17788676
43	2	0	1.74	2.286898	0	0	0	0.2912024	11.76	0.66595026	0	0.66595026	0.19365131
43	3	0	1.729	2.197426	0	0	0	0.2930735	11.76	0.64400721	0	0.64400721	0.19489468
43	4	0	1.819	2.372648	0	0	0	0.2935986	11.76	0.69660611	0	0.69660611	0.19671183
43	5	0	1.859	2.460656	0	0	0	0.2819288	11.76	0.69373002	0	0.69373002	0.19932444
43	6	0	1.863	2.853053	0	0	0	0.2690321	11.76	0.76756288	0	0.76756288	0.18375003
43	7	0	1.796	3.047593	0	0	0	0.2512976	11.76	0.76585283	0	0.76585283	0.165608
43	8	0	1.63	3.243321	0	0	0	0.189305	11.76	0.61397677	0	0.61397677	0.10733996
43	9	0	1.179	2.611486	0	0	0	0.1777118	11.76	0.4640919	0	0.4640919	0.06398124
43	10	0	0.62	2.051286	0	0	0	0.1732884	11.76	0.35546405	0	0.35546405	0.01196492
43	11	0	0.096	1.438271	0	0	0	0.1771256	11.76	0.25475462	0	0.25475462	9.9452E-06
43	12	0	0.096	1.390807	0	0	0	0.17839	11.76	0.24810604	0	0.24810604	1.0633E-05
43	13	0	0.096	1.341128	0	0	0	0.1737682	11.76	0.23304541	0	0.23304541	-0.0001647
43	14	0	0.096	1.266012	0	0	0	0.1748314	11.76	0.2213386	0	0.2213386	8.816E-06
43	15	0	0.096	1.317678	0	0	0	0.1787339	11.76	0.23551369	0	0.23551369	-0.0001702
43	16	0	0.096	1.357403	0	0	0	0.1873651	11.76	0.25432997	0	0.25432997	6.9241E-06
43	17	0	0.096	1.601912	0	0	0	0.2482257	11.76	0.3976358	0	0.3976358	-0.0002391
43	18	0	0.096	1.968388	0	0	0	0.2603291	11.76	0.51242858	0	0.51242858	-0.0002513
43	19	0	0.096	2.060803	0	0	0	0.254136	11.76	0.52372408	0	0.52372408	-0.0002461
43	20	0	0.096	2.253947	0	0	0	0.2567631	11.76	0.57873029	0	0.57873029	0.02979185
43	21	0	0.428	2.528934	0	0	0	0.2574668	11.76	0.65111656	0	0.65111656	0.07956608
43	22	0	0.737	2.581688	0	0	0	0.256088	11.76	0.66113937	0	0.66113937	0.12037162
43	23	0	1.023	2.442962	0	0	0	0.2657955	11.76	0.64932815	0	0.64932815	0.15284255
43	24	0	1.234	2.353863	0	0	0	0.2766349	11.76	0.6511606	0	0.6511606	0.18286166
44	1	0	1.431	2.096104	0	0	0	0.2837056	11.76	0.59467645	0	0.59467645	0.20455505
44	2	0	1.602	2.148898	0	0	0	0.2912024	11.76	0.62576433	0	0.62576433	0.2216068
44	3	0	1.678	2.145426	0	0	0	0.2930735	11.76	0.62876738	0	0.62876738	0.22508123
44	4	0	1.731	2.284648	0	0	0	0.2935986	11.76	0.67076942	0	0.67076942	0.22930136
44	5	0	1.738	2.339656	0	0	0	0.2819288	11.76	0.65961661	0	0.65961661	0.21849562
44	6	0	1.634	2.624053	0	0	0	0.2690321	11.76	0.70595457	0	0.70595457	0.19585643
44	7	0	1.543	2.794593	0	0	0	0.2512976	11.76	0.70227452	0	0.70227452	0.16108467
44	8	0	1.497	3.110321	0	0	0	0.189305	11.76	0.58879918	0	0.58879918	0.12929942
44	9	0	1.545	2.977486	0	0	0	0.1777118	11.76	0.52913442	0	0.52913442	0.11267427
44	10	0	1.54	2.971286	0	0	0	0.1732884	11.76	0.5148894	0	0.5148894	0.10363449
44	11	0	1.482	2.824271	0	0	0	0.1771256	11.76	0.50025064	0	0.50025064	0.10114864
44	12	0	1.314	2.608807	0	0	0	0.17839	11.76	0.46538509	0	0.46538509	0.08492424
44	13	0	1.275	2.520128	0	0	0	0.1737682	11.76	0.43791813	0	0.43791813	0.08133259
44	14	0	1.251	2.422012	0	0	0	0.1748314	11.76	0.42344369	0	0.42344369	0.07448699
44	15	0	1.215	2.437678	0	0	0	0.1787339	11.76	0.43569566	0	0.43569566	0.07096589
44	16	0	1.187	2.450403	0	0	0	0.1873651	11.76	0.45912011	0	0.45912011	0.06970675
44	17	0	1.234	2.741912	0	0	0	0.2482257	11.76	0.68061306	0	0.68061306	0.09905121
44	18	0	1.322	3.196388	0	0	0	0.2603291	11.76	0.83211271	0	0.83211271	0.1319959
44	19	0	1.343	3.308803	0	0	0	0.254136	11.76	0.84088573	0	0.84088573	0.12733016
44	20	0	1.368	3.526947	0	0	0	0.2567631	11.76	0.90558972	0	0.90558972	0.13763231
44	21	0	1.365	3.465934	0	0	0	0.2574668	11.76	0.89236295	0	0.89236295	0.13878344
44	22	0	1.383	3.227688	0	0	0	0.256088	11.76	0.82657218	0	0.82657218	0.13445647
44	23	0	1.514	2.933962	0	0	0	0.2657955	11.76	0.77983378	0	0.77983378	0.15337416
44	24	0	1.639	2.758863	0	0	0	0.2766349	11.76	0.76319772	0	0.76319772	0.16930654
45	1	0	1.705	2.370104	0	0	0	0.2837056	11.76	0.67241184	0	0.67241184	0.17987263
45	2	0	1.774	2.320898	0	0	0	0.2912024	11.76	0.67585112	0	0.67585112	0.18899206
45	3	0	1.79	2.258426	0	0	0	0.2930735	11.76	0.66188465	0	0.66188465	0.18405098
45	4	0	1.787	2.340648	0	0	0	0.2935986	11.76	0.68721094	0	0.68721094	0.18261921

45	5	0	1.824	2.425656	0	0	0	0.2819288	11.76	0.68386242	0	0.68386242	0.17592443
45	6	0	1.849	2.839053	0	0	0	0.2690321	11.76	0.76379644	0	0.76379644	0.17002936
45	7	0	1.799	3.050592	0	0	0	0.2512976	11.76	0.76660667	0	0.76660667	0.16133601
45	8	0	1.718	3.331321	0	0	0	0.189305	11.76	0.63063557	0	0.63063557	0.10942235
45	9	0	1.638	3.070486	0	0	0	0.1777118	11.76	0.54566161	0	0.54566161	0.09810194
45	10	0	1.41	2.841286	0	0	0	0.1732884	11.76	0.49236189	0	0.49236189	0.07261589
45	11	0	1.126	2.468271	0	0	0	0.1771256	11.76	0.43719394	0	0.43719394	0.05031361
45	12	0	0.887	2.181807	0	0	0	0.17839	11.76	0.38921255	0	0.38921255	0.03265598
45	13	0	0.727	1.972128	0	0	0	0.1737682	11.76	0.34269317	0	0.34269317	0.02277268
45	14	0	0.746	1.917012	0	0	0	0.1748314	11.76	0.33515383	0	0.33515383	0.0220376
45	15	0	0.594	1.816678	0	0	0	0.1787339	11.76	0.32470191	0	0.32470191	0.01216244
45	16	0	0.686	1.949403	0	0	0	0.1873651	11.76	0.36525014	0	0.36525014	0.02455177
45	17	0	0.866	2.373912	0	0	0	0.2482257	11.76	0.58926606	0	0.58926606	0.05337762
45	18	0	0.944	2.818388	0	0	0	0.2603291	11.76	0.73370831	0	0.73370831	0.07940945
45	19	0	1.018	2.983803	0	0	0	0.254136	11.76	0.75829159	0	0.75829159	0.07904425
45	20	0	1.008	3.166946	0	0	0	0.2567631	11.76	0.81315497	0	0.81315497	0.0916718
45	21	0	1.095	3.195934	0	0	0	0.2574668	11.76	0.82284692	0	0.82284692	0.11277928
45	22	0	1.137	2.981688	0	0	0	0.256088	11.76	0.76357453	0	0.76357453	0.1083355
45	23	0	1.258	2.677962	0	0	0	0.2657955	11.76	0.71179012	0	0.71179012	0.12333923
45	24	0	1.398	2.517863	0	0	0	0.2766349	11.76	0.69652873	0	0.69652873	0.13749353
46	1	0	1.529	2.194104	0	0	0	0.2837056	11.76	0.62247961	0	0.62247961	0.15774364
46	2	0	1.575	2.121898	0	0	0	0.2912024	11.76	0.61790181	0	0.61790181	0.16249269
46	3	0	1.615	2.083426	0	0	0	0.2930735	11.76	0.61059681	0	0.61059681	0.1691042
46	4	0	1.546	2.099648	0	0	0	0.2935986	11.76	0.6164537	0	0.6164537	0.15002975
46	5	0	1.567	2.167656	0	0	0	0.2819288	11.76	0.6111248	0	0.6111248	0.1488592
46	6	0	1.498	2.488054	0	0	0	0.2690321	11.76	0.66936623	0	0.66936623	0.13236484
46	7	0	1.426	2.677593	0	0	0	0.2512976	11.76	0.67287267	0	0.67287267	0.11911795
46	8	0	1.427	3.040321	0	0	0	0.189305	11.76	0.57554785	0	0.57554785	0.08651644
46	9	0	1.347	2.779486	0	0	0	0.1777118	11.76	0.49394748	0	0.49394748	0.08033073
46	10	0	1.177	2.608286	0	0	0	0.1732884	11.76	0.45198572	0	0.45198572	0.0580596
46	11	0	1.084	2.426271	0	0	0	0.1771256	11.76	0.4297547	0	0.4297547	0.05208482
46	12	0	0.582	1.876807	0	0	0	0.17839	11.76	0.33480359	0	0.33480359	0.01588734
46	13	0	0.366	1.611128	0	0	0	0.1737682	11.76	0.27996283	0	0.27996283	0.01217284
46	14	0	0.352	1.523012	0	0	0	0.1748314	11.76	0.26627027	0	0.26627027	0.01224702
46	15	0	0.377	1.599678	0	0	0	0.1787339	11.76	0.28591666	0	0.28591666	0.01091129
46	16	0	0.376	1.639403	0	0	0	0.1873651	11.76	0.30716696	0	0.30716696	0.02136654
46	17	0	0.39	1.897912	0	0	0	0.2482257	11.76	0.4711106	0	0.4711106	0.03004444
46	18	0	0.378	2.252388	0	0	0	0.2603291	11.76	0.58636205	0	0.58636205	0.03072784
46	19	0	0.454	2.419803	0	0	0	0.254136	11.76	0.61495888	0	0.61495888	0.037366
46	20	0	0.433	2.591946	0	0	0	0.2567631	11.76	0.66551617	0	0.66551617	0.03800828
46	21	0	0.468	2.568934	0	0	0	0.2574668	11.76	0.66141522	0	0.66141522	0.04558047
46	22	0	0.589	2.433688	0	0	0	0.256088	11.76	0.62323835	0	0.62323835	0.0583983
46	23	0	0.898	2.317962	0	0	0	0.2657955	11.76	0.61610372	0	0.61610372	0.09649394
46	24	0	0.98	2.099863	0	0	0	0.2766349	11.76	0.58089536	0	0.58089536	0.1034674
47	1	0	1.194	1.859104	0	0	0	0.2837056	11.76	0.52743826	0	0.52743826	0.14213977
47	2	0	1.312	1.858898	0	0	0	0.2912024	11.76	0.54131558	0	0.54131558	0.15492142
47	3	0	1.352	1.819426	0	0	0	0.2930735	11.76	0.5332254	0	0.5332254	0.15855366
47	4	0	1.467	2.019648	0	0	0	0.2935986	11.76	0.59296577	0	0.59296577	0.19025271
47	5	0	1.427	2.027656	0	0	0	0.2819288	11.76	0.5716548	0	0.5716548	0.15957253
47	6	0	1.506	2.496053	0	0	0	0.2690321	11.76	0.67151846	0	0.67151846	0.16841515
47	7	0	1.498	2.749593	0	0	0	0.2512976	11.76	0.69096611	0	0.69096611	0.15706384
47	8	0	1.478	3.091321	0	0	0	0.189305	11.76	0.58520238	0	0.58520238	0.10942239
47	9	0	1.515	2.947486	0	0	0	0.1777118	11.76	0.52380307	0	0.52380307	0.10645438
47	10	0	1.464	2.895286	0	0	0	0.1732884	11.76	0.50171944	0	0.50171944	0.10051532
47	11	0	1.321	2.663271	0	0	0	0.1771256	11.76	0.47173346	0	0.47173346	0.09193806
47	12	0	1.057	2.351807	0	0	0	0.17839	11.76	0.41953886	0	0.41953886	0.07100981
47	13	0	0.942	2.187128	0	0	0	0.1737682	11.76	0.38005332	0	0.38005332	0.05578865
47	14	0	1.106	2.277012	0	0	0	0.1748314	11.76	0.39809314	0	0.39809314	0.07064073
47	15	0	1.166	2.388678	0	0	0	0.1787339	11.76	0.4269377	0	0.4269377	0.08508582
47	16	0	1.168	2.431403	0	0	0	0.1873651	11.76	0.45556016	0	0.45556016	0.0845086
47	17	0	1.15	2.657912	0	0	0	0.2482257	11.76	0.65976214	0	0.65976214	0.11022133
47	18	0	1.171	3.045388	0	0	0	0.2603291	11.76	0.79280301	0	0.79280301	0.12418604
47	19	0	1.253	3.218803	0	0	0	0.254136	11.76	0.81801358	0	0.81801358	0.13495411
47	20	0	1.295	3.453947	0	0	0	0.2567631	11.76	0.88684602	0	0.88684602	0.15021377
47	21	0	1.36	3.460934	0	0	0	0.2574668	11.76	0.89107558	0	0.89107558	0.15629114
47	22	0	1.448	3.292688	0	0	0	0.256088	11.76	0.84321792	0	0.84321792	0.16416266
47	23	0	1.57	2.989962	0	0	0	0.2657955	11.76	0.79471826	0	0.79471826	0.17065095
47	24	0	1.671	2.790863	0	0	0	0.2766349	11.76	0.77205006	0	0.77205006	0.18230836
48	1	0	1.726	2.391104	0	0	0	0.2837056	11.76	0.67836963	0	0.67836963	0.18838385
48	2	0	1.799	2.345898	0	0	0	0.2912024	11.76	0.6831312	0	0.6831312	0.20762905
48	3	0	1.814	2.282426	0	0	0	0.2930735	11.76	0.6689184	0	0.6689184	0.20310077
48	4	0	1.774	2.327648	0	0	0	0.2935986	11.76	0.68339415	0	0.68339415	0.1873168
48	5	0	1.768	2.369656	0	0	0	0.2819288	11.76	0.6680744	0	0.6680744	0.16746657
48	6	0	1.739	2.729053	0	0	0	0.2690321	11.76	0.73420294	0	0.73420294	0.16142031
48	7	0	1.693	2.944592	0	0	0	0.2512976	11.76	0.73996913	0	0.73996913	0.14399641
48	8	0	1.643	3.256321	0	0	0	0.189305	11.76	0.61643774	0	0.61643774	0.10166077
48	9	0	1.626	3.058486	0	0	0	0.1777118	11.76	0.54352909	0	0.54352909	0.09099343
48	10	0	1.627	3.058286	0	0	0	0.1732884	11.76	0.52996547	0	0.52996547	0.08595908
48	11	0	1.555	2.897271	0	0	0	0.1771256	11.76	0.51318084	0	0.51318084	0.08113342
48	12	0	1.408	2.702807	0	0	0	0.17839	11.76	0.48215372	0	0.48215372	0.0667285
48	13	0	1.24	2.485128	0	0	0	0.1737682	11.76	0.43183627	0	0.43183627	0.05196574
48	14	0	1.069	2.240012	0	0	0	0.1748314	11.76	0.39162438	0	0.39162438	0.04406632
48	15	0	0.85	2.072678	0	0	0	0.1787339	11.76	0.37045779	0	0.37045779	0.03486162
48	16	0	0.641	1.904403	0	0	0	0.1873651	11.76	0.35681872	0	0.35681872	0.02042974
48	17	0	0.783	2.290912	0	0	0	0.2482257	11.76	0.56866328	0	0.56866328	0.05660461
48	18	0	0.972	2.846388	0	0	0	0.2603291	11.76	0.74099755	0	0.74099755	0.08201268
48	19	0	1.12	3.085803	0	0	0	0.254136	11.76	0.78421346	0	0.78421346	0.09835858
48	20	0	1.192	3.350946	0	0	0	0.2567631	11.76	0.86039938	0	0.86039938	0.11529401
48	21	0	1.291	3.391934	0	0	0	0.2574668	11.76	0.87331044	0	0.87331044	0.13054449
48	22	0	1.383	3.227688	0	0	0	0.256088	11.76	0.82657218	0	0.82657218	0.14060257
48	23	0	1.569	2.988962	0	0	0	0.2657955	11.76	0.79445248	0	0.79445248	0.15709535
48	24	0	1.715	2.834863	0	0	0	0.2766349	11.76	0.78422197	0	0.78422197	0.17566915
49	1	0	1.902	2.567104	0	0	0	0.2837056	11.76	0.72830178	0	0.72830178	0.19944838
49	2	0	1.894	2.440898	0	0	0	0.2912024	11.76	0.71079544	0	0.71079544	0.20005778
49	3	0	1.923	2.391426	0	0	0	0.2930735	11.76	0.7008634	0	0.7008634	0.20075622
49	4	0	1.981	2.534648	0	0	0	0.2935986	11.76	0.74416906	0	0.74416906	0.21197897
49	5	0	1.997	2.598656	0	0	0	0.2819288	11.76	0.7326362	0	0.7326362	0.201298
49	6	0	1.988	2.978053	0	0	0	0.2690321	11.76	0.80119189	0	0.80119189	0.1937042
49	7	0	2.014	3.265593	0	0	0	0.2512976	11.76	0.8206357	0	0.8206357	0.18621447
49	8	0	1.935	3.548321	0	0	0	0.189305	11.76	0.67171475	0	0.67171475	0.12873141
49	9	0	1.844	3.276486	0	0	0	0.1777118	11.76	0.58227026	0	0.58227026	0.11214117
49	10	0	1.391	2.822286	0	0	0	0.1732884	11.76	0.4890694	0	0.4890694	0.07504195
49	11	0	0.979	2.321271	0	0	0	0.1771256	11.76	0.41115652	0	0.41115652	0.03809191
49	12	0	0.648	1.942807	0	0	0	0.17839	11.76	0.34657733	0	0.34657733	0.01160595
49	13	0	0.751	1.996128	0	0	0	0.1737682	11.76	0.34686359	0	0.34686359	0.02555297
49	14	0	0.555	1.726012	0	0	0	0.1748314	11.76	0.30176103	0	0.30176103	0.01417018
49	15	0	0.662	1.884678	0	0	0	0.1787339	11.76	0.33685581	0	0.33685581	0.02556747
49	16	0	0.78	2.043403	0	0	0	0.1873651	11.76	0.38286248	0	0.38286248	0.03185897
49	17	0	1.064	2.571912	0	0	0	0.2482257	11.76	0.63841473	0	0.63841473	0.09458312
49	18	0	1.262	3.136388	0	0	0	0.2603291	11.76	0.81649298	0	0.81649298	0.12939261
49	19	0	1.359	3.324803	0	0	0	0.254136	11.76	0.84495198	0	0.84495198	0.14207
49	20	0	1.513	3.671947	0	0	0	0.2567631	11.76	0.94282036	0	0.94282036	0.17357923
49	21	0	1.554	3.654934	0	0	0	0.2574668	11.76	0.9410242	0	0.9410242	0.17637357
49	22	0	1.595	3.439688	0	0	0	0.256088	11.76	0.88086281	0	0.88086281	0.17491837
49	23	0	1.786	3.205962	0	0	0	0.2657955	11.76	0.8521301	0	0.8521301	0.19749625
49	24	0	1.931	3.050863	0	0	0	0.2766349	11.76	0.84397512	0	0.84397512	0.21246162
50	1	0	2.15	2.815104	0	0	0	0.2837056	11.76	0.79866082	0	0.79866082	0.25136647
50	2	0	2.265	2.811898	0	0	0	0.2912024	11.76	0.81883154	0	0.81883154	0.32585719

50	3	0	2.285	2.753426	0	0	0	0.2930735	11.76	0.80695606	0	0.80695606	0.32091629
50	4	0	2.398	2.951648	0	0	0	0.2935986	11.76	0.86659968	0	0.86659968	0.42836118
50	5	0	2.459	3.060656	0	0	0	0.2819288	11.76	0.8628873	0	0.8628873	0.44234717
50	6	0	2.455	3.445053	0	0	0	0.2690321	11.76	0.92682987	0	0.92682987	0.43260462
50	7	0	2.417	3.668592	0	0	0	0.2512976	11.76	0.92190861	0	0.92190861	0.37795457
50	8	0	2.291	3.904321	0	0	0	0.189305	11.76	0.73910731	0	0.73910731	0.22622353
50	9	0	1.781	3.213485	0	0	0	0.1777118	11.76	0.57107438	0	0.57107438	0.11480687
50	10	0	1.278	2.709286	0	0	0	0.1732884	11.76	0.46948782	0	0.46948782	0.06915012
50	11	0	0.878	2.220271	0	0	0	0.1771256	11.76	0.39326682	0	0.39326682	0.04287433
50	12	0	0.676	1.970807	0	0	0	0.17839	11.76	0.35157225	0	0.35157225	0.02980175
50	13	0	0.446	1.691128	0	0	0	0.1737682	11.76	0.29386429	0	0.29386429	0.00887123
50	14	0	0.288	1.459012	0	0	0	0.1748314	11.76	0.25508106	0	0.25508106	-0.0052361
50	15	0	0.096	1.318678	0	0	0	0.1787339	11.76	0.23569244	0	0.23569244	8.5227E-06
50	16	0	0.096	1.359403	0	0	0	0.1873651	11.76	0.25470472	0	0.25470472	6.9241E-06
50	17	0	0.221	1.728912	0	0	0	0.2482257	11.76	0.42916045	0	0.42916045	0.00373253
50	18	0	0.634	2.508388	0	0	0	0.2603291	11.76	0.6530063	0	0.6530063	0.06769462
50	19	0	1.02	2.985803	0	0	0	0.254136	11.76	0.75879983	0	0.75879983	0.11970609
50	20	0	1.209	3.367947	0	0	0	0.2567631	11.76	0.8647644	0	0.8647644	0.14918667
50	21	0	1.37	3.470934	0	0	0	0.2574668	11.76	0.89365031	0	0.89365031	0.16633236
50	22	0	1.492	3.336688	0	0	0	0.256088	11.76	0.85448577	0	0.85448577	0.17056489
50	23	0	1.648	3.067962	0	0	0	0.2657955	11.76	0.81545032	0	0.81545032	0.19271189
50	24	0	1.816	2.935863	0	0	0	0.2766349	11.76	0.81216211	0	0.81216211	0.21439799
51	1	0	1.98	2.645104	0	0	0	0.2837056	11.76	0.75043084	0	0.75043084	0.23859976
51	2	0	2.004	2.550898	0	0	0	0.2912024	11.76	0.74282767	0	0.74282767	0.23704051
51	3	0	2.06	2.528426	0	0	0	0.2930735	11.76	0.74101448	0	0.74101448	0.24295874
51	4	0	2.067	2.620648	0	0	0	0.2935986	11.76	0.76941853	0	0.76941853	0.24045806
51	5	0	2.006	2.607656	0	0	0	0.2819288	11.76	0.73517351	0	0.73517351	0.22046918
51	6	0	1.975	2.965054	0	0	0	0.2690321	11.76	0.79769453	0	0.79769453	0.21172932
51	7	0	1.883	3.134593	0	0	0	0.2512976	11.76	0.78771569	0	0.78771569	0.17716769
51	8	0	1.858	3.471321	0	0	0	0.189305	11.76	0.65713829	0	0.65713829	0.12645978
51	9	0	1.641	3.073486	0	0	0	0.1777118	11.76	0.54619475	0	0.54619475	0.10023445
51	10	0	1.408	2.839286	0	0	0	0.1732884	11.76	0.49201533	0	0.49201533	0.08024056
51	11	0	1.015	2.357271	0	0	0	0.1771256	11.76	0.417533	0	0.417533	0.04818813
51	12	0	0.802	2.096807	0	0	0	0.17839	11.76	0.37404939	0	0.37404939	0.03105045
51	13	0	0.633	1.878128	0	0	0	0.1737682	11.76	0.32635894	0	0.32635894	0.02329398
51	14	0	0.337	1.508012	0	0	0	0.1748314	11.76	0.26364778	0	0.26364778	-0.0029633
51	15	0	0.241	1.463678	0	0	0	0.1787339	11.76	0.26160885	0	0.26160885	0.00090219
51	16	0	0.128	1.391403	0	0	0	0.1873651	11.76	0.2607004	0	0.2607004	-0.0059888
51	17	0	0.267	1.774912	0	0	0	0.2482257	11.76	0.44057884	0	0.44057884	0.00993816
51	18	0	0.4	2.274388	0	0	0	0.2603291	11.76	0.59208931	0	0.59208931	0.02630226
51	19	0	0.626	2.591803	0	0	0	0.254136	11.76	0.65867031	0	0.65867031	0.06100063
51	20	0	0.777	2.935946	0	0	0	0.2567631	11.76	0.75384271	0	0.75384271	0.08011744
51	21	0	0.833	2.933934	0	0	0	0.2574668	11.76	0.7553906	0	0.7553906	0.0826557
51	22	0	0.918	2.762688	0	0	0	0.256088	11.76	0.70749129	0	0.70749129	0.0898971
51	23	0	1.093	2.512962	0	0	0	0.2657955	11.76	0.66793388	0	0.66793388	0.1097837
51	24	0	1.189	2.308863	0	0	0	0.2766349	11.76	0.63871201	0	0.63871201	0.13168422
52	1	0	1.303	1.968104	0	0	0	0.2837056	11.76	0.55836216	0	0.55836216	0.1370331
52	2	0	1.382	1.928898	0	0	0	0.2912024	11.76	0.56169976	0	0.56169976	0.14269094
52	3	0	1.59	2.057425	0	0	0	0.2930735	11.76	0.60297682	0	0.60297682	0.1843441
52	4	0	1.646	2.198648	0	0	0	0.2935986	11.76	0.64551996	0	0.64551996	0.19465672
52	5	0	1.638	2.239656	0	0	0	0.2819288	11.76	0.63142369	0	0.63142369	0.17197737
52	6	0	1.578	2.568053	0	0	0	0.2690321	11.76	0.69088877	0	0.69088877	0.15603968
52	7	0	1.583	2.834592	0	0	0	0.2512976	11.76	0.71232636	0	0.71232636	0.147012
52	8	0	1.585	3.198321	0	0	0	0.189305	11.76	0.60545803	0	0.60545803	0.1084758
52	9	0	1.412	2.844486	0	0	0	0.1777118	11.76	0.50549876	0	0.50549876	0.08388496
52	10	0	1.147	2.578286	0	0	0	0.1732884	11.76	0.44678703	0	0.44678703	0.05771309
52	11	0	0.804	2.146271	0	0	0	0.1771256	11.76	0.38015951	0	0.38015951	0.02905857
52	12	0	0.546	1.840807	0	0	0	0.17839	11.76	0.32838155	0	0.32838155	0.00625426
52	13	0	0.587	1.832128	0	0	0	0.1737682	11.76	0.3183656	0	0.3183656	0.00921878
52	14	0	0.747	1.918012	0	0	0	0.1748314	11.76	0.33532867	0	0.33532867	0.02553421
52	15	0	0.802	2.024678	0	0	0	0.1787339	11.76	0.36187855	0	0.36187855	0.03343176
52	16	0	0.854	2.117403	0	0	0	0.1873651	11.76	0.39672748	0	0.39672748	0.04103991
52	17	0	0.926	2.433912	0	0	0	0.2482257	11.76	0.60415958	0	0.60415958	0.06752652
52	18	0	0.962	2.836388	0	0	0	0.2603291	11.76	0.73839426	0	0.73839426	0.08201268
52	19	0	0.96	2.925803	0	0	0	0.254136	11.76	0.74355168	0	0.74355168	0.0892098
52	20	0	0.952	3.110946	0	0	0	0.2567631	11.76	0.79877624	0	0.79877624	0.09603676
52	21	0	0.94	3.040934	0	0	0	0.2574668	11.76	0.78293958	0	0.78293958	0.08960723
52	22	0	1.002	2.846688	0	0	0	0.256088	11.76	0.72900265	0	0.72900265	0.09527498
52	23	0	1.174	2.593962	0	0	0	0.2657955	11.76	0.68946328	0	0.68946328	0.12014973
52	24	0	1.285	2.404863	0	0	0	0.2766349	11.76	0.66526895	0	0.66526895	0.13970665
53	1	0	1.177	1.842104	0	0	0	0.2837056	11.76	0.52261527	0	0.52261527	0.131359
53	2	0	1.01	1.556898	0	0	0	0.2912024	11.76	0.45337248	0	0.45337248	0.11036742
53	3	0	0.905	1.372426	0	0	0	0.2930735	11.76	0.40222155	0	0.40222155	0.0879229
53	4	0	0.897	1.449648	0	0	0	0.2935986	11.76	0.42561461	0	0.42561461	0.08749324
53	5	0	0.872	1.472656	0	0	0	0.2819288	11.76	0.41518428	0	0.41518428	0.07583968
53	6	0	0.829	1.819053	0	0	0	0.2690321	11.76	0.48938373	0	0.48938373	0.06591398
53	7	0	0.949	2.200593	0	0	0	0.2512976	11.76	0.5530037	0	0.5530037	0.07112011
53	8	0	0.88	2.493321	0	0	0	0.189305	11.76	0.47199804	0	0.47199804	0.05016985
53	9	0	0.891	2.323486	0	0	0	0.1777118	11.76	0.41291087	0	0.41291087	0.05118598
53	10	0	0.604	2.035286	0	0	0	0.1732884	11.76	0.35269143	0	0.35269143	0.02600129
53	11	0	0.524	1.866271	0	0	0	0.1771256	11.76	0.33056435	0	0.33056435	0.02020225
53	12	0	0.357	1.651807	0	0	0	0.17839	11.76	0.29466584	0	0.29466584	0.01356827
53	13	0	0.454	1.699128	0	0	0	0.1737682	11.76	0.29525444	0	0.29525444	0.01947107
53	14	0	0.175	1.346012	0	0	0	0.1748314	11.76	0.2353251	0	0.2353251	-0.0019143
53	15	0	0.206	1.428678	0	0	0	0.1787339	11.76	0.25535317	0	0.25535317	0.00394068
53	16	0	0.204	1.467403	0	0	0	0.1873651	11.76	0.27494014	0	0.27494014	-0.0011173
53	17	0	0.281	1.788912	0	0	0	0.2482257	11.76	0.44405401	0	0.44405401	0.01788137
53	18	0	0.335	2.209388	0	0	0	0.2603291	11.76	0.5751679	0	0.5751679	0.03281051
53	19	0	0.365	2.330803	0	0	0	0.254136	11.76	0.59234084	0	0.59234084	0.03457047
53	20	0	0.368	2.526947	0	0	0	0.2567631	11.76	0.64882662	0	0.64882662	0.03364332
53	21	0	0.389	2.489934	0	0	0	0.2574668	11.76	0.64107535	0	0.64107535	0.03785648
53	22	0	0.455	2.299688	0	0	0	0.256088	11.76	0.58892254	0	0.58892254	0.04072823
53	23	0	0.605	2.024962	0	0	0	0.2657955	11.76	0.53822571	0	0.53822571	0.05981409
53	24	0	0.753	1.872863	0	0	0	0.2766349	11.76	0.51809924	0	0.51809924	0.0794002
54	1	0	0.9	1.565104	0	0	0	0.2837056	11.76	0.4440288	0	0.4440288	0.09476095
54	2	0	0.939	1.485898	0	0	0	0.2912024	11.76	0.43269711	0	0.43269711	0.09755451
54	3	0	1.048	1.515426	0	0	0	0.2930735	11.76	0.44413106	0	0.44413106	0.10873114
54	4	0	1.069	1.621648	0	0	0	0.2935986	11.76	0.47611354	0	0.47611354	0.11362358
54	5	0	1.161	1.761656	0	0	0	0.2819288	11.76	0.49666172	0	0.49666172	0.11671936
54	6	0	1.036	2.026053	0	0	0	0.2690321	11.76	0.54507337	0	0.54507337	0.10061911
54	7	0	0.851	2.102592	0	0	0	0.2512976	11.76	0.52837652	0	0.52837652	0.07539221
54	8	0	0.669	2.282321	0	0	0	0.189305	11.76	0.43205466	0	0.43205466	0.04884477
54	9	0	0.511	1.943486	0	0	0	0.1777118	11.76	0.34538038	0	0.34538038	0.03394793
54	10	0	0.422	1.853286	0	0	0	0.1732884	11.76	0.32115295	0	0.32115295	0.02288208
54	11	0	0.391	1.733271	0	0	0	0.1771256	11.76	0.30700667	0	0.30700667	0.02126499
54	12	0	0.356	1.650807	0	0	0	0.17839	11.76	0.29448744	0	0.29448744	0.01784964
54	13	0	0.306	1.551128	0	0	0	0.1737682	11.76	0.26953674	0	0.26953674	0.01321543
54	14	0	0.258	1.429012	0	0	0	0.1748314	11.76	0.2498361	0	0.2498361	0.01032389
54	15	0	0.222	1.444678	0	0	0	0.1787339	11.76	0.25821291	0	0.25821291	0.00715787
54	16	0	0.224	1.487403	0	0	0	0.1873651	11.76	0.27868746	0	0.27868746	0.01049937
54	17	0	0.224	1.731912	0	0	0	0.2482257	11.76	0.42990514	0	0.42990514	0.01639204
54	18	0	0.203	2.077388	0	0	0	0.2603291	11.76	0.54080447	0	0.54080447	0.01849239
54	19	0	0.195	2.160803	0	0	0	0.254136	11.76	0.54913771	0	0.54913771	0.01855991
54	20	0	0.181	2.339947	0	0	0	0.2567631	11.76	0.60081191	0	0.60081191	0.02054837
54	21	0	0.16	2.260934	0	0	0	0.2574668	11.76	0.58211549	0	0.58211549	0.01983376
54	22	0	0.172	2.016688	0	0	0	0.256088	11.76	0.51644965	0	0.51644965	0.01588772
54	23	0	0.258	1.677962	0	0	0	0.2657955	11.76	0.44599465	0	0.44599465	0.02632388
54	24	0	0.308	1.427863	0	0	0	0.2766349	11.76	0.39499671	0	0.39499671	0.03264889

55	1	0	0.321	0.986104	0	0	0	0.2837056	11.76	0.27976325	0	0.27976325	0.03007609
55	2	0	0.359	0.905898	0	0	0	0.2912024	11.76	0.26379974	0	0.26379974	0.03349
55	3	0	0.354	0.821426	0	0	0	0.2930735	11.76	0.24073807	0	0.24073807	0.03458355
55	4	0	0.308	0.860648	0	0	0	0.2935986	11.76	0.25268506	0	0.25268506	0.03112231
55	5	0	0.295	0.895656	0	0	0	0.2819288	11.76	0.25251133	0	0.25251133	0.0262202
55	6	0	0.264	1.254053	0	0	0	0.2690321	11.76	0.33738062	0	0.33738062	0.02340688
55	7	0	0.231	1.482592	0	0	0	0.2512976	11.76	0.37257198	0	0.37257198	0.01658855
55	8	0	0.216	1.829321	0	0	0	0.189305	11.76	0.34629951	0	0.34629951	0.01041587
55	9	0	0.189	1.621486	0	0	0	0.1777118	11.76	0.28815719	0	0.28815719	0.00782428
55	10	0	0.118	1.549286	0	0	0	0.1732884	11.76	0.26847327	0	0.26847327	0.00018131
55	11	0	0.119	1.461271	0	0	0	0.1771256	11.76	0.2588285	0	0.2588285	-0.0012299
55	12	0	0	1.340807	0	0	0	0.17839	11.76	0.23918655	0	0.23918655	1.0612E-05
55	13	0	0	1.291128	0	0	0	0.1737682	11.76	0.22435699	0	0.22435699	9.0524E-06
55	14	0	0	1.217012	0	0	0	0.1748314	11.76	0.21277186	0	0.21277186	8.816E-06
55	15	0	0	1.268678	0	0	0	0.1787339	11.76	0.22675573	0	0.22675573	-0.0001702
55	16	0	0	1.309403	0	0	0	0.1873651	11.76	0.24533645	0	0.24533645	-0.0001804
55	17	0	0	1.552912	0	0	0	0.2482257	11.76	0.38547273	0	0.38547273	9.1436E-06
55	18	0	0	1.919388	0	0	0	0.2603291	11.76	0.49967245	0	0.49967245	9.0308E-06
55	19	0	0	2.010803	0	0	0	0.254136	11.76	0.51101729	0	0.51101729	7.998E-06
55	20	0	0	2.203946	0	0	0	0.2567631	11.76	0.56589209	0	0.56589209	7.3461E-06
55	21	0	0	2.145934	0	0	0	0.2574668	11.76	0.55250681	0	0.55250681	8.8394E-06
55	22	0	0.107	1.951688	0	0	0	0.256088	11.76	0.49980394	0	0.49980394	0.02228991
55	23	0	0.187	1.606962	0	0	0	0.2657955	11.76	0.42712318	0	0.42712318	0.02818448
55	24	0	0.277	1.396863	0	0	0	0.2766349	11.76	0.38642102	0	0.38642102	0.04150123
56	1	0	0.363	1.028104	0	0	0	0.2837056	11.76	0.2916789	0	0.2916789	0.04851694
56	2	0	0.406	0.952898	0	0	0	0.2912024	11.76	0.27748625	0	0.27748625	0.05445659
56	3	0	0.403	0.870426	0	0	0	0.2930735	11.76	0.25509868	0	0.25509868	0.0515818
56	4	0	0.411	0.963648	0	0	0	0.2935986	11.76	0.28292569	0	0.28292569	0.05343583
56	5	0	0.434	1.034656	0	0	0	0.2819288	11.76	0.29169942	0	0.29169942	0.05102996
56	6	0	0.379	1.369053	0	0	0	0.2690321	11.76	0.36831931	0	0.36831931	0.04143204
56	7	0	0.362	1.613593	0	0	0	0.2512976	11.76	0.40549198	0	0.40549198	0.03618972
56	8	0	0.328	1.941321	0	0	0	0.189305	11.76	0.36750169	0	0.36750169	0.02347789
56	9	0	0.216	1.648486	0	0	0	0.1777118	11.76	0.2929554	0	0.2929554	0.00853514
56	10	0	0.174	1.605286	0	0	0	0.1732884	11.76	0.27817742	0	0.27817742	0.00832586
56	11	0	0	1.388271	0	0	0	0.1771256	11.76	0.24589835	0	0.24589835	9.9241E-06
56	12	0	0	1.340807	0	0	0	0.17839	11.76	0.23918655	0	0.23918655	-0.0001678
56	13	0	0	1.290128	0	0	0	0.1737682	11.76	0.22418321	0	0.22418321	9.0524E-06
56	14	0	0	1.216012	0	0	0	0.1748314	11.76	0.21259702	0	0.21259702	8.8368E-06
56	15	0	0	1.267678	0	0	0	0.1787339	11.76	0.22657701	0	0.22657701	8.5227E-06
56	16	0	0	1.308403	0	0	0	0.1873651	11.76	0.24514908	0	0.24514908	6.9241E-06
56	17	0	0	1.552912	0	0	0	0.2482257	11.76	0.38547273	0	0.38547273	9.1436E-06
56	18	0	0	1.919388	0	0	0	0.2603291	11.76	0.49967245	0	0.49967245	9.0308E-06
56	19	0	0	2.010803	0	0	0	0.254136	11.76	0.51101729	0	0.51101729	7.998E-06
56	20	0	0	2.203946	0	0	0	0.2567631	11.76	0.56589209	0	0.56589209	7.3461E-06
56	21	0	0	2.146934	0	0	0	0.2574668	11.76	0.55276426	0	0.55276426	-0.0002486
56	22	0	0.115	1.959688	0	0	0	0.256088	11.76	0.50185262	0	0.50185262	0.02689953
56	23	0	0.255	1.674962	0	0	0	0.2657955	11.76	0.44519726	0	0.44519726	0.04360061
56	24	0	0.357	1.476863	0	0	0	0.2766349	11.76	0.40855179	0	0.40855179	0.05865263
57	1	0	0.41	1.075104	0	0	0	0.2837056	11.76	0.30501304	0	0.30501304	0.05589329
57	2	0	0.593	1.139898	0	0	0	0.2912024	11.76	0.3319411	0	0.3319411	0.0690167
57	3	0	0.603	1.070426	0	0	0	0.2930735	11.76	0.31371339	0	0.31371339	0.07033847
57	4	0	0.619	1.171648	0	0	0	0.2935986	11.76	0.34399421	0	0.34399421	0.07193252
57	5	0	0.625	1.225656	0	0	0	0.2819288	11.76	0.34554786	0	0.34554786	0.06709988
57	6	0	0.627	1.617053	0	0	0	0.2690321	11.76	0.43503924	0	0.43503924	0.06187851
57	7	0	0.488	1.739593	0	0	0	0.2512976	11.76	0.4371555	0	0.4371555	0.05126759
57	8	0	0.611	2.224321	0	0	0	0.189305	11.76	0.421075	0	0.421075	0.04070466
57	9	0	0.518	1.950486	0	0	0	0.1777118	11.76	0.34662438	0	0.34662438	0.03039368
57	10	0	0.32	1.751286	0	0	0	0.1732884	11.76	0.30347753	0	0.30347753	0.01647042
57	11	0	0	1.388271	0	0	0	0.1771256	11.76	0.24589835	0	0.24589835	9.9241E-06
57	12	0	0	1.340807	0	0	0	0.17839	11.76	0.23918655	0	0.23918655	1.0612E-05
57	13	0	0	1.291128	0	0	0	0.1737682	11.76	0.22435699	0	0.22435699	-0.0001647
57	14	0	0	1.217012	0	0	0	0.1748314	11.76	0.21277186	0	0.21277186	-0.000166
57	15	0	0	1.267678	0	0	0	0.1787339	11.76	0.22657701	0	0.22657701	8.5227E-06
57	16	0	0	1.307403	0	0	0	0.1873651	11.76	0.24496173	0	0.24496173	6.9241E-06
57	17	0	0	1.551912	0	0	0	0.2482257	11.76	0.38522449	0	0.38522449	-0.0002391
57	18	0	0	1.917388	0	0	0	0.2603291	11.76	0.49915179	0	0.49915179	9.0308E-06
57	19	0	0	2.009803	0	0	0	0.254136	11.76	0.51076317	0	0.51076317	-0.0002462
57	20	0	0.096	2.252946	0	0	0	0.2567631	11.76	0.57847349	0	0.57847349	7.3461E-06
57	21	0	0.096	2.194934	0	0	0	0.2574668	11.76	0.56512269	0	0.56512269	8.8394E-06
57	22	0	0.096	1.939688	0	0	0	0.256088	11.76	0.49673087	0	0.49673087	1.0257E-05
57	23	0	0.096	1.514962	0	0	0	0.2657955	11.76	0.40267	0	0.40267	0.0433348
57	24	0	0.301	1.420863	0	0	0	0.2766349	11.76	0.39306024	0	0.39306024	0.06086568
58	1	0	0.281	0.946104	0	0	0	0.2837056	11.76	0.26841503	0	0.26841503	0.06014887
58	2	0	0.498	1.044898	0	0	0	0.2912024	11.76	0.30427687	0	0.30427687	0.07746158
58	3	0	0.507	0.974426	0	0	0	0.2930735	11.76	0.28557831	0	0.28557831	0.07414847
58	4	0	0.292	0.844648	0	0	0	0.2935986	11.76	0.24798747	0	0.24798747	0.05108703
58	5	0	0.772	1.372656	0	0	0	0.2819288	11.76	0.38699138	0	0.38699138	0.09444698
58	6	0	0.85	1.840053	0	0	0	0.2690321	11.76	0.49503341	0	0.49503341	0.09846685
58	7	0	0.724	1.975592	0	0	0	0.2512976	11.76	0.49646172	0	0.49646172	0.07664864
58	8	0	0.64	2.253321	0	0	0	0.189305	11.76	0.42656485	0	0.42656485	0.04960198
58	9	0	0.368	1.800486	0	0	0	0.1777118	11.76	0.31996759	0	0.31996759	0.01919786
58	10	0	0	1.477286	0	0	0	0.1732884	11.76	0.2559965	0	0.2559965	8.0151E-06
58	11	0	0	1.388271	0	0	0	0.1771256	11.76	0.24589835	0	0.24589835	9.9241E-06
58	12	0	0	1.339807	0	0	0	0.17839	11.76	0.23900815	0	0.23900815	1.0612E-05
58	13	0	0	1.289128	0	0	0	0.1737682	11.76	0.22400945	0	0.22400945	9.0524E-06
58	14	0	0	1.215012	0	0	0	0.1748314	11.76	0.2124222	0	0.2124222	-0.000166
58	15	0	0	1.265678	0	0	0	0.1787339	11.76	0.22621952	0	0.22621952	-0.0003489
58	16	0	0	1.304403	0	0	0	0.1873651	11.76	0.24439963	0	0.24439963	-0.0087992
58	17	0	0	1.547912	0	0	0	0.2482257	11.76	0.3842316	0	0.3842316	-0.0114092
58	18	0	0	1.914388	0	0	0	0.2603291	11.76	0.4983708	0	0.4983708	-0.0119661
58	19	0	0	2.005803	0	0	0	0.254136	11.76	0.50974664	0	0.50974664	-0.0116823
58	20	0	0	2.198946	0	0	0	0.2567631	11.76	0.56460831	0	0.56460831	7.3461E-06
58	21	0	0	2.141934	0	0	0	0.2574668	11.76	0.5514769	0	0.5514769	-0.0002486
58	22	0	0	1.885688	0	0	0	0.256088	11.76	0.48290211	0	0.48290211	1.0257E-05
58	23	0	0	1.461962	0	0	0	0.2657955	11.76	0.38858284	0	0.38858284	-0.0002557
58	24	0	0	1.161863	0	0	0	0.2766349	11.76	0.32141182	0	0.32141182	6.0019E-06
59	1	0	0	0.708104	0	0	0	0.2837056	11.76	0.20089309	0	0.20089309	3.2975E-06
59	2	0	0	0.589898	0	0	0	0.2912024	11.76	0.17177979	0	0.17177979	0.00029293
59	3	0	0	0.511426	0	0	0	0.2930735	11.76	0.14988531	0	0.14988531	8.5596E-07
59	4	0	0	0.596648	0	0	0	0.2935986	11.76	0.17517502	0	0.17517502	0.00029449
59	5	0	0	0.645656	0	0	0	0.2819288	11.76	0.18202911	0	0.18202911	8.2341E-07
59	6	0	0	1.035053	0	0	0	0.2690321	11.76	0.2784626	0	0.2784626	0.00027014
59	7	0	0	1.296592	0	0	0	0.2512976	11.76	0.32583062	0	0.32583062	0.02588654
59	8	0	0	1.658321	0	0	0	0.189305	11.76	0.31392836	0	0.31392836	0.04240839
59	9	0	0	1.477486	0	0	0	0.1777118	11.76	0.26256666	0	0.26256666	0.04549921
59	10	0	0	1.476286	0	0	0	0.1732884	11.76	0.2558232	0	0.2558232	0.04194383
59	11	0	0	1.388271	0	0	0	0.1771256	11.76	0.24589835	0	0.24589835	0.01949374
59	12	0	0	1.340807	0	0	0	0.17839	11.76	0.23918655	0	0.23918655	1.0612E-05
59	13	0	0	1.290128	0	0	0	0.1737682	11.76	0.22418321	0	0.22418321	9.0524E-06
59	14	0	0	1.216012	0	0	0	0.1748314	11.76	0.21259702	0	0.21259702	8.8368E-06
59	15	0	0	1.266678	0	0	0	0.1787339	11.76	0.22639827	0	0.22639827	8.544E-06
59	16	0	0	1.307403	0	0	0	0.1873651	11.76	0.24496173	0	0.24496173	6.9241E-06
59	17	0	0	1.551912	0	0	0	0.2482257	11.76	0.38522449	0	0.38522449	9.1436E-06
59	18	0	0	1.918388	0	0	0	0.2603291	11.76	0.49941213	0	0.49941213	-0.0002513
59	19	0	0	2.009803	0	0	0	0.254136	11.76	0.51076317	0	0.51076317	7.998E-06
59	20	0	0.096	2.252946	0	0	0	0.2567631	11.76	0.57847349	0	0.57847349	7.3461E-06
59	21	0	0.096	2.194934	0	0	0	0.2574668	11.76	0.56512269	0	0.56512269	8.8394E-06
59	22	0	0.096	1.939688	0	0	0	0.256088	11.76	0.49673087	0	0.49673087	1.0257E-05

59	23	0	0.096	1.514962	0	0	0	0.2657955	11.76	0.40267	0	0.40267	0.08400154
59	24	0	0.439	1.558863	0	0	0	0.2766349	11.76	0.43123586	0	0.43123586	0.12338518
60	1	0	0.774	1.437104	0	0	0	0.2424232	11.76	0.34838736	0	0.34838736	0.13479011
60	2	0	1.011	1.556898	0	0	0	0.235449	11.76	0.36657013	0	0.36657013	0.14621518
60	3	0	1.236	1.703426	0	0	0	0.2300975	11.76	0.39195399	0	0.39195399	0.15807765
60	4	0	1.393	1.945648	0	0	0	0.2321514	11.76	0.45168489	0	0.45168489	0.16854258
60	5	0	1.557	2.157656	0	0	0	0.2218729	11.76	0.47872542	0	0.47872542	0.16773655
60	6	0	1.559	2.547053	0	0	0	0.2003656	11.76	0.51034188	0	0.51034188	0.14686886
60	7	0	1.623	2.869592	0	0	0	0.1838347	11.76	0.5275307	0	0.5275307	0.13677512
60	8	0	1.3	2.899321	0	0	0	0.1316313	11.76	0.38164145	0	0.38164145	0.07529598
60	9	0	0.771	2.192486	0	0	0	0.1205745	11.76	0.26435781	0	0.26435781	0.03726091
60	10	0	0.17	1.590286	0	0	0	0.1125807	11.76	0.17903541	0	0.17903541	-0.0024716
60	11	0	0.096	1.427271	0	0	0	0.1177902	11.76	0.16811852	0	0.16811852	6.6136E-06
60	12	0	0.096	1.380807	0	0	0	0.1125996	11.76	0.15547835	0	0.15547835	-0.0001059
60	13	0	0	1.281128	0	0	0	0.1137739	11.76	0.14575889	0	0.14575889	5.927E-06
60	14	0	0	1.208012	0	0	0	0.1190906	11.76	0.14386278	0	0.14386278	-0.0001131
60	15	0	0	1.259678	0	0	0	0.1176501	11.76	0.14820126	0	0.14820126	-0.000112
60	16	0	0	1.300403	0	0	0	0.1365183	11.76	0.17752874	0	0.17752874	-0.000268
60	17	0	0	1.542912	0	0	0	0.1911413	11.76	0.29491427	0	0.29491427	-0.0091677
60	18	0	0.096	1.957388	0	0	0	0.200949	11.76	0.39333503	0	0.39333503	-0.0003949
60	19	0	0.096	2.047803	0	0	0	0.1905074	11.76	0.39012159	0	0.39012159	-0.000375
60	20	0	0.096	2.239946	0	0	0	0.1940154	11.76	0.43458418	0	0.43458418	-0.0001885
60	21	0	0.096	2.183934	0	0	0	0.2002066	11.76	0.437238	0	0.437238	-0.0001933
60	22	0	0.096	1.928688	0	0	0	0.2031906	11.76	0.39189131	0	0.39189131	8.1387E-06
60	23	0	0.096	1.505962	0	0	0	0.2204007	11.76	0.33191504	0	0.33191504	8.4339E-06
60	24	0	0.096	1.207863	0	0	0	0.2306783	11.76	0.27862783	0	0.27862783	5.0048E-06
61	1	0	0.275	0.937104	0	0	0	0.2424232	11.76	0.22717576	0	0.22717576	0.12194168
61	2	0	0.652	1.197898	0	0	0	0.235449	11.76	0.28204393	0	0.28204393	0.14597977
61	3	0	0.975	1.442426	0	0	0	0.2300975	11.76	0.33189856	0	0.33189856	0.15784757
61	4	0	1.08	1.632648	0	0	0	0.2321514	11.76	0.37902152	0	0.37902152	0.16064945
61	5	0	1.297	1.897656	0	0	0	0.2218729	11.76	0.42103847	0	0.42103847	0.16596154
61	6	0	1.395	2.383053	0	0	0	0.2003656	11.76	0.47748191	0	0.47748191	0.15608567
61	7	0	1.419	2.665592	0	0	0	0.1838347	11.76	0.49002842	0	0.49002842	0.13732663
61	8	0	1.056	2.655321	0	0	0	0.1316313	11.76	0.34952341	0	0.34952341	0.06897763
61	9	0	0.437	1.858486	0	0	0	0.1205745	11.76	0.22408594	0	0.22408594	0.02520346
61	10	0	0.096	1.516286	0	0	0	0.1125807	11.76	0.17070444	0	0.17070444	5.2206E-06
61	11	0	0.096	1.427271	0	0	0	0.1177902	11.76	0.16811852	0	0.16811852	6.6136E-06
61	12	0	0	1.329807	0	0	0	0.1125996	11.76	0.14973577	0	0.14973577	6.698E-06
61	13	0	0	1.281128	0	0	0	0.1137739	11.76	0.14575889	0	0.14575889	-0.0001079
61	14	0	0	1.207012	0	0	0	0.1190906	11.76	0.1437437	0	0.1437437	-0.0001131
61	15	0	0	1.258678	0	0	0	0.1176501	11.76	0.14808361	0	0.14808361	-0.000112
61	16	0	0	1.299403	0	0	0	0.1365183	11.76	0.17739222	0	0.17739222	-0.0065478
61	17	0	0	1.541912	0	0	0	0.1911413	11.76	0.29472312	0	0.29472312	-0.0089766
61	18	0	0	1.906388	0	0	0	0.200949	11.76	0.38308663	0	0.38308663	-0.0094376
61	19	0	0	1.996803	0	0	0	0.1905074	11.76	0.38040573	0	0.38040573	-0.0001845
61	20	0	0.096	2.238946	0	0	0	0.1940154	11.76	0.43439018	0	0.43439018	-0.0001885
61	21	0	0.096	2.182934	0	0	0	0.2002066	11.76	0.43703781	0	0.43703781	-0.0001933
61	22	0	0.096	1.927688	0	0	0	0.2031906	11.76	0.39168811	0	0.39168811	8.1387E-06
61	23	0	0.096	1.504962	0	0	0	0.2204007	11.76	0.33169465	0	0.33169465	8.4076E-06
61	24	0	0.096	1.206863	0	0	0	0.2306783	11.76	0.27839716	0	0.27839716	5.0048E-06
62	1	0	0.096	0.757104	0	0	0	0.2424232	11.76	0.18353958	0	0.18353958	2.8177E-06
62	2	0	0.096	0.640898	0	0	0	0.235449	11.76	0.15089885	0	0.15089885	0.03084522
62	3	0	0.096	0.563426	0	0	0	0.2300975	11.76	0.12964285	0	0.12964285	0.1182708
62	4	0	0.206	0.758648	0	0	0	0.2321514	11.76	0.17612121	0	0.17612121	0.12513026
62	5	0	0.375	0.975656	0	0	0	0.2218729	11.76	0.21647166	0	0.21647166	0.11027147
62	6	0	0.487	1.475053	0	0	0	0.2003656	11.76	0.29554997	0	0.29554997	0.09537485
62	7	0	0.625	1.871593	0	0	0	0.1838347	11.76	0.34406368	0	0.34406368	0.09063262
62	8	0	0.768	2.367321	0	0	0	0.1316313	11.76	0.31161357	0	0.31161357	0.06805625
62	9	0	0.813	2.234486	0	0	0	0.1205745	11.76	0.26942195	0	0.26942195	0.05522647
62	10	0	0.752	2.172286	0	0	0	0.1125807	11.76	0.24455734	0	0.24455734	0.04323619
62	11	0	0.73	2.061271	0	0	0	0.1177902	11.76	0.24279747	0	0.24279747	0.0397019
62	12	0	0.71	1.994807	0	0	0	0.1125996	11.76	0.22461453	0	0.22461453	0.03389919
62	13	0	0.608	1.845128	0	0	0	0.1137739	11.76	0.20992737	0	0.20992737	0.02913206
62	14	0	0.503	1.667012	0	0	0	0.1190906	11.76	0.19852536	0	0.19852536	0.02334775
62	15	0	0.464	1.680678	0	0	0	0.1176501	11.76	0.19773196	0	0.19773196	0.02177089
62	16	0	0.36	1.617403	0	0	0	0.1365183	11.76	0.22080502	0	0.22080502	0.02334967
62	17	0	0.379	1.879912	0	0	0	0.1911413	11.76	0.35932889	0	0.35932889	0.0275314
62	18	0	0.386	2.251388	0	0	0	0.200949	11.76	0.45241403	0	0.45241403	0.02874267
62	19	0	0.427	2.382803	0	0	0	0.1905074	11.76	0.45394158	0	0.45394158	0.02991567
62	20	0	0.428	2.575947	0	0	0	0.1940154	11.76	0.49977341	0	0.49977341	0.03279414
62	21	0	0.431	2.521934	0	0	0	0.2002066	11.76	0.50490783	0	0.50490783	0.03284076
62	22	0	0.484	2.319688	0	0	0	0.2031906	11.76	0.47133881	0	0.47133881	0.03902071
62	23	0	0.619	2.030962	0	0	0	0.2204007	11.76	0.44762541	0	0.44762541	0.05312502
62	24	0	0.754	1.866863	0	0	0	0.2306783	11.76	0.43064483	0	0.43064483	0.06505634
63	1	0	0.988	1.651104	0	0	0	0.2424232	11.76	0.40026593	0	0.40026593	0.08994186
63	2	0	1.051	1.596898	0	0	0	0.235449	11.76	0.37598809	0	0.37598809	0.09465188
63	3	0	1.142	1.609426	0	0	0	0.2300975	11.76	0.37032483	0	0.37032483	0.09272995
63	4	0	1.169	1.721648	0	0	0	0.2321514	11.76	0.39968299	0	0.39968299	0.10029009
63	5	0	1.178	1.778656	0	0	0	0.2218729	11.76	0.3946356	0	0.3946356	0.0942966
63	6	0	1.115	2.103054	0	0	0	0.2003656	11.76	0.4213796	0	0.4213796	0.07634012
63	7	0	1.099	2.345592	0	0	0	0.1838347	11.76	0.43120133	0	0.43120133	0.06894012
63	8	0	0.847	2.446321	0	0	0	0.1316313	11.76	0.32201245	0	0.32201245	0.03435862
63	9	0	0.388	1.809486	0	0	0	0.1205745	11.76	0.2181778	0	0.2181778	0.00796128
63	10	0	0.137	1.557286	0	0	0	0.1125807	11.76	0.17532025	0	0.17532025	-0.0046106
63	11	0	0.096	1.427271	0	0	0	0.1177902	11.76	0.16811852	0	0.16811852	6.6136E-06
63	12	0	0	1.330807	0	0	0	0.1125996	11.76	0.14984836	0	0.14984836	-0.0001059
63	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
63	14	0	0	1.208012	0	0	0	0.1190906	11.76	0.14386278	0	0.14386278	6.0194E-06
63	15	0	0	1.261678	0	0	0	0.1176501	11.76	0.14843656	0	0.14843656	-0.000112
63	16	0	0.096	1.352403	0	0	0	0.1365183	11.76	0.18462768	0	0.18462768	5.045E-06
63	17	0	0.096	1.596912	0	0	0	0.1911413	11.76	0.3052359	0	0.3052359	-0.0001841
63	18	0	0.333	2.198388	0	0	0	0.200949	11.76	0.44176374	0	0.44176374	0.03497207
63	19	0	0.497	2.452803	0	0	0	0.1905074	11.76	0.46727713	0	0.46727713	0.05144299
63	20	0	0.654	2.801946	0	0	0	0.1940154	11.76	0.54362087	0	0.54362087	0.080716
63	21	0	0.726	2.816934	0	0	0	0.2002066	11.76	0.56396879	0	0.56396879	0.08529485
63	22	0	0.904	2.739688	0	0	0	0.2031906	11.76	0.55667887	0	0.55667887	0.10729274
63	23	0	1.073	2.484962	0	0	0	0.2204007	11.76	0.54768732	0	0.54768732	0.13158766
63	24	0	1.172	2.284863	0	0	0	0.2306783	11.76	0.5270684	0	0.5270684	0.1351825
64	1	0	1.322	1.985104	0	0	0	0.2424232	11.76	0.4812353	0	0.4812353	0.15030519
64	2	0	1.383	1.928898	0	0	0	0.235449	11.76	0.45415715	0	0.45415715	0.14786331
64	3	0	1.482	1.949426	0	0	0	0.2300975	11.76	0.44855799	0	0.44855799	0.15278541
64	4	0	1.506	2.058648	0	0	0	0.2321514	11.76	0.47791798	0	0.47791798	0.15345278
64	5	0	1.509	2.109656	0	0	0	0.2218729	11.76	0.46807555	0	0.46807555	0.14222116
64	6	0	1.468	2.456053	0	0	0	0.2003656	11.76	0.49210859	0	0.49210859	0.12402716
64	7	0	1.46	2.706593	0	0	0	0.1838347	11.76	0.49756567	0	0.49756567	0.11158975
64	8	0	1.456	3.055321	0	0	0	0.1316313	11.76	0.40217595	0	0.40217595	0.07384801
64	9	0	1.368	2.789486	0	0	0	0.1205745	11.76	0.33634079	0	0.33634079	0.06101406
64	10	0	1.268	2.688286	0	0	0	0.1125807	11.76	0.30264899	0	0.30264899	0.05021617
64	11	0	1.14	2.471271	0	0	0	0.1177902	11.76	0.29109145	0	0.29109145	0.04217548
64	12	0	1.03	2.314807	0	0	0	0.1125996	11.76	0.26064641	0	0.26064641	0.03434958
64	13	0	0.902	2.139128	0	0	0	0.1137739	11.76	0.24337688	0	0.24337688	0.02685659
64	14	0	0.843	2.007012	0	0	0	0.1190906	11.76	0.23901614	0	0.23901614	0.02275231
64	15	0	0.806	2.022678	0	0	0	0.1176501	11.76	0.23796829	0	0.23796829	0.02024145
64	16	0	0.738	1.995403	0	0	0	0.1365183	11.76	0.27240893	0	0.27240893	0.02198449
64	17	0	0.822	2.322912	0	0	0	0.1911413	11.76	0.44400448	0	0.44400448	0.03976445
64	18	0	0.813	2.679388	0	0	0	0.200949	11.76	0.53842018	0	0.53842018	0.04602428
64	19	0	0.826	2.781803	0	0	0	0.1905074	11.76	0.52995402	0	0.52995402	0.04725186
64	20	0	0.812	2.959946	0	0	0	0.1940154	11.76	0.57427531	0	0.57427531	0.04947951

64	21	0	0.825	2.915934	0	0	0	0.2002066	11.76	0.58378924	0	0.58378924	0.05426284
64	22	0	0.885	2.720688	0	0	0	0.2031906	11.76	0.55281824	0	0.55281824	0.06015255
64	23	0	0.992	2.403962	0	0	0	0.2204007	11.76	0.5298349	0	0.5298349	0.07340183
64	24	0	1.002	2.114863	0	0	0	0.2306783	11.76	0.48785307	0	0.48785307	0.07912772
65	1	0	1.07	1.733104	0	0	0	0.2424232	11.76	0.42014463	0	0.42014463	0.08751763
65	2	0	1.114	1.659898	0	0	0	0.235449	11.76	0.39082136	0	0.39082136	0.09064926
65	3	0	1.041	1.508426	0	0	0	0.2300975	11.76	0.347085	0	0.347085	0.08122506
65	4	0	1.043	1.595648	0	0	0	0.2321514	11.76	0.37043188	0	0.37043188	0.08450381
65	5	0	1.035	1.635656	0	0	0	0.2218729	11.76	0.3629078	0	0.3629078	0.07876552
65	6	0	0.972	1.960053	0	0	0	0.2003656	11.76	0.39272729	0	0.39272729	0.06411784
65	7	0	0.975	2.221592	0	0	0	0.1838347	11.76	0.40840581	0	0.40840581	0.06397659
65	8	0	0.844	2.443321	0	0	0	0.1316313	11.76	0.32161755	0	0.32161755	0.03475352
65	9	0	0.645	2.066486	0	0	0	0.1205745	11.76	0.24916544	0	0.24916544	0.0239977
65	10	0	0.361	1.781286	0	0	0	0.1125807	11.76	0.20053832	0	0.20053832	0.00372037
65	11	0	0.096	1.427271	0	0	0	0.1177902	11.76	0.16811852	0	0.16811852	6.6136E-06
65	12	0	0.096	1.380807	0	0	0	0.1125996	11.76	0.15547835	0	0.15547835	6.698E-06
65	13	0	0.096	1.332128	0	0	0	0.1137739	11.76	0.15156136	0	0.15156136	5.927E-06
65	14	0	0	1.209012	0	0	0	0.1190906	11.76	0.14398187	0	0.14398187	6.0052E-06
65	15	0	0	1.261678	0	0	0	0.1176501	11.76	0.14843656	0	0.14843656	-0.000112
65	16	0	0	1.303403	0	0	0	0.1365183	11.76	0.17793829	0	0.17793829	-0.0001315
65	17	0	0	1.545912	0	0	0	0.1911413	11.76	0.29548769	0	0.29548769	7.0408E-06
65	18	0	0.096	1.961388	0	0	0	0.200949	11.76	0.39413882	0	0.39413882	-0.000194
65	19	0	0.096	2.050803	0	0	0	0.1905074	11.76	0.39069311	0	0.39069311	5.9955E-06
65	20	0	0.141	2.288946	0	0	0	0.1940154	11.76	0.44409094	0	0.44409094	-0.0089192
65	21	0	0.215	2.305934	0	0	0	0.2002066	11.76	0.4616632	0	0.4616632	0.004011
65	22	0	0.318	2.153688	0	0	0	0.2031906	11.76	0.4376092	0	0.4376092	0.01870167
65	23	0	0.483	1.894962	0	0	0	0.2204007	11.76	0.41765093	0	0.41765093	0.04056214
65	24	0	0.636	1.748863	0	0	0	0.2306783	11.76	0.40342481	0	0.40342481	0.05698255
66	1	0	0.739	1.402104	0	0	0	0.2424232	11.76	0.33990256	0	0.33990256	0.07297219
66	2	0	0.872	1.417898	0	0	0	0.235449	11.76	0.33384271	0	0.33384271	0.08358577
66	3	0	0.909	1.376426	0	0	0	0.2300975	11.76	0.31671213	0	0.31671213	0.08467658
66	4	0	0.909	1.461648	0	0	0	0.2321514	11.76	0.33932361	0	0.33932361	0.08264657
66	5	0	0.921	1.521656	0	0	0	0.2218729	11.76	0.33761428	0	0.33761428	0.07943114
66	6	0	0.956	1.944053	0	0	0	0.2003656	11.76	0.38952144	0	0.38952144	0.07273356
66	7	0	0.804	2.050592	0	0	0	0.1838347	11.76	0.37697007	0	0.37697007	0.05754236
66	8	0	0.838	2.437321	0	0	0	0.1316313	11.76	0.32082776	0	0.32082776	0.03791266
66	9	0	0.579	2.000486	0	0	0	0.1205745	11.76	0.24120752	0	0.24120752	0.02267136
66	10	0	0.596	2.016286	0	0	0	0.1125807	11.76	0.22699477	0	0.22699477	0.02060748
66	11	0	0.509	1.840271	0	0	0	0.1177902	11.76	0.21676585	0	0.21676585	0.01473038
66	12	0	0.327	1.611807	0	0	0	0.1125996	11.76	0.18148886	0	0.18148886	0.00845168
66	13	0	0.359	1.595128	0	0	0	0.1137739	11.76	0.1814839	0	0.1814839	0.00546707
66	14	0	0.234	1.398012	0	0	0	0.1190906	11.76	0.16648999	0	0.16648999	0.00167328
66	15	0	0.188	1.404678	0	0	0	0.1176501	11.76	0.16526053	0	0.16526053	5.624E-06
66	16	0	0.2	1.457403	0	0	0	0.1365183	11.76	0.1989621	0	0.1989621	0.00027808
66	17	0	0.234	1.734912	0	0	0	0.1911413	11.76	0.33161338	0	0.33161338	0.00516787
66	18	0	0.302	2.167388	0	0	0	0.200949	11.76	0.43553429	0	0.43553429	0.0110592
66	19	0	0.317	2.272803	0	0	0	0.1905074	11.76	0.43298578	0	0.43298578	0.01429406
66	20	0	0.344	2.491946	0	0	0	0.1940154	11.76	0.48347609	0	0.48347609	0.01979513
66	21	0	0.372	2.462934	0	0	0	0.2002066	11.76	0.49309564	0	0.49309564	0.02803582
66	22	0	0.416	2.251688	0	0	0	0.2031906	11.76	0.45752189	0	0.45752189	0.03170585
66	23	0	0.461	1.872962	0	0	0	0.2204007	11.76	0.4128021	0	0.4128021	0.03615413
66	24	0	0.544	1.656863	0	0	0	0.2306783	11.76	0.3822024	0	0.3822024	0.04244982
67	1	0	0.623	1.286104	0	0	0	0.2424232	11.76	0.31178145	0	0.31178145	0.05479047
67	2	0	0.653	1.198898	0	0	0	0.235449	11.76	0.28227939	0	0.28227939	0.05509646
67	3	0	0.634	1.101426	0	0	0	0.2300975	11.76	0.2534353	0	0.2534353	0.05154255
67	4	0	0.639	1.191648	0	0	0	0.2321514	11.76	0.27664275	0	0.27664275	0.05223476
67	5	0	0.535	1.135656	0	0	0	0.2218729	11.76	0.25197133	0	0.25197133	0.04104713
67	6	0	0.504	1.492054	0	0	0	0.2003656	11.76	0.2989562	0	0.2989562	0.03526516
67	7	0	0.43	1.676592	0	0	0	0.1838347	11.76	0.3082159	0	0.3082159	0.02739349
67	8	0	0.349	1.948321	0	0	0	0.1316313	11.76	0.25646006	0	0.25646006	0.01342922
67	9	0	0.176	1.597486	0	0	0	0.1205745	11.76	0.19261599	0	0.19261599	0.0013297
67	10	0	0	1.466286	0	0	0	0.1125807	11.76	0.16507541	0	0.16507541	5.2072E-06
67	11	0	0	1.377271	0	0	0	0.1177902	11.76	0.16222901	0	0.16222901	6.5996E-06
67	12	0	0	1.330807	0	0	0	0.1125996	11.76	0.14984836	0	0.14984836	-0.0001059
67	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	-0.0001079
67	14	0	0	1.209012	0	0	0	0.1190906	11.76	0.14398187	0	0.14398187	-0.0001131
67	15	0	0	1.261678	0	0	0	0.1176501	11.76	0.14843656	0	0.14843656	-0.000112
67	16	0	0	1.302403	0	0	0	0.1365183	11.76	0.17780178	0	0.17780178	-0.0001315
67	17	0	0	1.545912	0	0	0	0.1911413	11.76	0.29548769	0	0.29548769	-0.0001841
67	18	0	0	1.910388	0	0	0	0.200949	11.76	0.38389042	0	0.38389042	-0.000194
67	19	0	0	1.999803	0	0	0	0.1905074	11.76	0.38097726	0	0.38097726	-0.0001845
67	20	0	0	2.191947	0	0	0	0.1940154	11.76	0.42527147	0	0.42527147	-0.0001885
67	21	0	0	2.134934	0	0	0	0.2002066	11.76	0.42742787	0	0.42742787	-0.0001933
67	22	0	0	1.879688	0	0	0	0.2031906	11.76	0.38193497	0	0.38193497	8.1387E-06
67	23	0	0	1.456962	0	0	0	0.2204007	11.76	0.3211154	0	0.3211154	-0.000212
67	24	0	0	1.157863	0	0	0	0.2306783	11.76	0.26709392	0	0.26709392	5.0048E-06
68	1	0	0	0.708104	0	0	0	0.2424232	11.76	0.17166085	0	0.17166085	2.8177E-06
68	2	0	0.098	0.643898	0	0	0	0.235449	11.76	0.1516052	0	0.1516052	0.00847756
68	3	0	0.2	0.667426	0	0	0	0.2300975	11.76	0.15357299	0	0.15357299	0.02416091
68	4	0	0.232	0.784648	0	0	0	0.2321514	11.76	0.18215714	0	0.18215714	0.03366264
68	5	0	0.259	0.859656	0	0	0	0.2218729	11.76	0.19073441	0	0.19073441	0.03261597
68	6	0	0.289	1.277053	0	0	0	0.2003656	11.76	0.25587759	0	0.25587759	0.02945455
68	7	0	0.275	1.521592	0	0	0	0.1838347	11.76	0.27972152	0	0.27972152	0.02555514
68	8	0	0.242	1.841321	0	0	0	0.1316313	11.76	0.24237551	0	0.24237551	0.01606186
68	9	0	0.246	1.667486	0	0	0	0.1205745	11.76	0.20105621	0	0.20105621	0.01483404
68	10	0	0.176	1.596286	0	0	0	0.1125807	11.76	0.17971089	0	0.17971089	0.00833618
68	11	0	0.087	1.418271	0	0	0	0.1177902	11.76	0.16705841	0	0.16705841	0.00212682
68	12	0	0	1.330807	0	0	0	0.1125996	11.76	0.14984836	0	0.14984836	6.7115E-06
68	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
68	14	0	0	1.209012	0	0	0	0.1190906	11.76	0.14398187	0	0.14398187	6.0052E-06
68	15	0	0	1.261678	0	0	0	0.1176501	11.76	0.14843656	0	0.14843656	5.61E-06
68	16	0	0	1.303403	0	0	0	0.1365183	11.76	0.17793829	0	0.17793829	-0.0001315
68	17	0	0	1.546912	0	0	0	0.1911413	11.76	0.29567882	0	0.29567882	-0.0001841
68	18	0	0	1.911388	0	0	0	0.200949	11.76	0.38409138	0	0.38409138	6.9709E-06
68	19	0	0	2.000803	0	0	0	0.1905074	11.76	0.38116775	0	0.38116775	5.9955E-06
68	20	0	0	2.192946	0	0	0	0.1940154	11.76	0.42546547	0	0.42546547	5.5508E-06
68	21	0	0	2.135934	0	0	0	0.2002066	11.76	0.42762811	0	0.42762811	6.8735E-06
68	22	0	0	1.881688	0	0	0	0.2031906	11.76	0.38234135	0	0.38234135	-0.0001951
68	23	0	0.102	1.513962	0	0	0	0.2204007	11.76	0.33367825	0	0.33367825	0.01411408
68	24	0	0.193	1.305863	0	0	0	0.2306783	11.76	0.30123431	0	0.30123431	0.02284216
69	1	0	0.264	0.927104	0	0	0	0.2424232	11.76	0.22475153	0	0.22475153	0.02909359
69	2	0	0.311	0.856898	0	0	0	0.235449	11.76	0.20175584	0	0.20175584	0.03343515
69	3	0	0.332	0.799426	0	0	0	0.2300975	11.76	0.18394587	0	0.18394587	0.03244441
69	4	0	0.347	0.899648	0	0	0	0.2321514	11.76	0.20885455	0	0.20885455	0.0352877
69	5	0	0.374	0.974656	0	0	0	0.2218729	11.76	0.21624979	0	0.21624979	0.03505658
69	6	0	0.338	1.326053	0	0	0	0.2003656	11.76	0.26569549	0	0.26569549	0.02644909
69	7	0	0.31	1.556592	0	0	0	0.1838347	11.76	0.28615573	0	0.28615573	0.02371679
69	8	0	0.306	1.905321	0	0	0	0.1316313	11.76	0.25079991	0	0.25079991	0.01435063
69	9	0	0.29	1.711486	0	0	0	0.1205745	11.76	0.20636149	0	0.20636149	0.01278427
69	10	0	0.125	1.545286	0	0	0	0.1125807	11.76	0.17396928	0	0.17396928	0.0018065
69	11	0	0	1.377271	0	0	0	0.1177902	11.76	0.16222901	0	0.16222901	6.5996E-06
69	12	0	0	1.330807	0	0	0	0.1125996	11.76	0.14984836	0	0.14984836	6.7115E-06
69	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	-0.0001079
69	14	0	0	1.208012	0	0	0	0.1190906	11.76	0.14386278	0	0.14386278	-0.0001131
69	15	0	0	1.259678	0	0	0	0.1176501	11.76	0.14820126	0	0.14820126	5.61E-06
69	16	0	0	1.301403	0	0	0	0.1365183	11.76	0.17766525	0	0.17766525	-0.0001315
69	17	0	0	1.543912	0	0	0	0.1911413	11.76	0.29510539	0	0.29510539	-0.0001841
69	18	0	0	1.909388	0	0	0	0.200949	11.76	0.38368946	0	0.38368946	-0.000194

69	19	0	0	1.999803	0	0	0	0.1905074	11.76	0.38097726	0	0.38097726	-0.0001845
69	20	0	0	2.191947	0	0	0	0.1940154	11.76	0.42527147	0	0.42527147	-0.0001885
69	21	0	0	2.134934	0	0	0	0.2002066	11.76	0.42742787	0	0.42742787	-0.0001933
69	22	0	0	1.879688	0	0	0	0.2031906	11.76	0.38193497	0	0.38193497	8.1387E-06
69	23	0	0	1.455962	0	0	0	0.2204007	11.76	0.32089501	0	0.32089501	8.4076E-06
69	24	0	0	1.157863	0	0	0	0.2306783	11.76	0.26709392	0	0.26709392	5.0048E-06
70	1	0	0	0.708104	0	0	0	0.2424232	11.76	0.17166085	0	0.17166085	2.8177E-06
70	2	0	0	0.591898	0	0	0	0.235449	11.76	0.13936184	0	0.13936184	0.04261767
70	3	0	0.159	0.626426	0	0	0	0.2300975	11.76	0.144139	0	0.144139	0.03819685
70	4	0	0.242	0.794648	0	0	0	0.2321514	11.76	0.18447865	0	0.18447865	0.04202009
70	5	0	0.287	0.887656	0	0	0	0.2218729	11.76	0.19694685	0	0.19694685	0.04038151
70	6	0	0.288	1.276053	0	0	0	0.2003656	11.76	0.25567722	0	0.25567722	0.03486443
70	7	0	0.321	1.567593	0	0	0	0.1838347	11.76	0.28817792	0	0.28817792	0.03272468
70	8	0	0.293	1.892321	0	0	0	0.1316313	11.76	0.24908871	0	0.24908871	0.01948426
70	9	0	0.318	1.739486	0	0	0	0.1205745	11.76	0.20973758	0	0.20973758	0.01796897
70	10	0	0.301	1.721286	0	0	0	0.1125807	11.76	0.19378348	0	0.19378348	0.01452812
70	11	0	0.223	1.554271	0	0	0	0.1177902	11.76	0.18307786	0	0.18307786	0.01025436
70	12	0	0.194	1.478807	0	0	0	0.1125996	11.76	0.16651312	0	0.16651312	0.00687527
70	13	0	0.124	1.360128	0	0	0	0.1137739	11.76	0.15474703	0	0.15474703	0.00216764
70	14	0	0.118	1.282012	0	0	0	0.1190906	11.76	0.15267548	0	0.15267548	0.00417418
70	15	0	0.264	1.480678	0	0	0	0.1176501	11.76	0.17420193	0	0.17420193	0.00588812
70	16	0	0.114	1.371403	0	0	0	0.1365183	11.76	0.18722154	0	0.18722154	0.00328147
70	17	0	0.097	1.597912	0	0	0	0.1911413	11.76	0.30542703	0	0.30542703	0.00459444
70	18	0	0.074	1.939388	0	0	0	0.200949	11.76	0.38971795	0	0.38971795	0.00402595
70	19	0	0.14	2.095803	0	0	0	0.1905074	11.76	0.39926596	0	0.39926596	0.01276998
70	20	0	0.155	2.302947	0	0	0	0.1940154	11.76	0.44680719	0	0.44680719	0.01552677
70	21	0	0.28	2.370934	0	0	0	0.2002066	11.76	0.47467663	0	0.47467663	0.02543313
70	22	0	0.368	2.203688	0	0	0	0.2031906	11.76	0.44776872	0	0.44776872	0.03414415
70	23	0	0.49	1.901962	0	0	0	0.2204007	11.76	0.41919373	0	0.41919373	0.04651295
70	24	0	0.632	1.744863	0	0	0	0.2306783	11.76	0.40250208	0	0.40250208	0.0618268
71	1	0	0.78	1.443104	0	0	0	0.2424232	11.76	0.34984191	0	0.34984191	0.07879036
71	2	0	0.828	1.373898	0	0	0	0.235449	11.76	0.32348295	0	0.32348295	0.08028953
71	3	0	0.784	1.251426	0	0	0	0.2300975	11.76	0.28794994	0	0.28794994	0.07386198
71	4	0	0.846	1.398648	0	0	0	0.2321514	11.76	0.32469808	0	0.32469808	0.07544987
71	5	0	0.774	1.374656	0	0	0	0.2218729	11.76	0.30499894	0	0.30499894	0.06523127
71	6	0	0.807	1.795053	0	0	0	0.2003656	11.76	0.35966698	0	0.35966698	0.06071158
71	7	0	0.776	2.022593	0	0	0	0.1838347	11.76	0.37182272	0	0.37182272	0.04963747
71	8	0	0.569	2.168321	0	0	0	0.1316313	11.76	0.28541895	0	0.28541895	0.02422299
71	9	0	0.575	1.996486	0	0	0	0.1205745	11.76	0.24072522	0	0.24072522	0.02170679
71	10	0	0.542	1.962286	0	0	0	0.1125807	11.76	0.22091542	0	0.22091542	0.01655457
71	11	0	0.589	1.920271	0	0	0	0.1177902	11.76	0.22618907	0	0.22618907	0.01802849
71	12	0	0.518	1.802807	0	0	0	0.1125996	11.76	0.20299539	0	0.20299539	0.01216748
71	13	0	0.417	1.654128	0	0	0	0.1137739	11.76	0.18819656	0	0.18819656	0.00774255
71	14	0	0.26	1.424012	0	0	0	0.1190906	11.76	0.16958635	0	0.16958635	0.00345964
71	15	0	0.208	1.424678	0	0	0	0.1176501	11.76	0.16761353	0	0.16761353	0.00165272
71	16	0	0.234	1.491403	0	0	0	0.1365183	11.76	0.20360373	0	0.20360373	0.00437362
71	17	0	0.24	1.740912	0	0	0	0.1911413	11.76	0.33276024	0	0.33276024	0.00822611
71	18	0	0.284	2.149388	0	0	0	0.200949	11.76	0.43191724	0	0.43191724	0.01025537
71	19	0	0.341	2.296803	0	0	0	0.1905074	11.76	0.43755795	0	0.43755795	0.01658017
71	20	0	0.35	2.497947	0	0	0	0.1940154	11.76	0.48464019	0	0.48464019	0.02309338
71	21	0	0.395	2.485934	0	0	0	0.2002066	11.76	0.49770039	0	0.49770039	0.03003788
71	22	0	0.456	2.291688	0	0	0	0.2031906	11.76	0.4656495	0	0.4656495	0.03820796
71	23	0	0.651	2.062962	0	0	0	0.2204007	11.76	0.45467824	0	0.45467824	0.05510858
71	24	0	0.668	1.780863	0	0	0	0.2306783	11.76	0.4108065	0	0.4108065	0.0590587
72	1	0	0.982	1.645104	0	0	0	0.2424232	11.76	0.39881138	0	0.39881138	0.09454791
72	2	0	1.029	1.574898	0	0	0	0.235449	11.76	0.37080819	0	0.37080819	0.0915911
72	3	0	0.96	1.427426	0	0	0	0.2300975	11.76	0.32844711	0	0.32844711	0.08168528
72	4	0	1.074	1.626648	0	0	0	0.2321514	11.76	0.37762861	0	0.37762861	0.09611134
72	5	0	0.975	1.575656	0	0	0	0.2218729	11.76	0.34959539	0	0.34959539	0.08031867
72	6	0	0.933	1.921053	0	0	0	0.2003656	11.76	0.38491303	0	0.38491303	0.06992845
72	7	0	0.918	2.164593	0	0	0	0.1838347	11.76	0.39792724	0	0.39792724	0.06471192
72	8	0	0.874	2.473321	0	0	0	0.1316313	11.76	0.32556652	0	0.32556652	0.04067691
72	9	0	0.784	2.205486	0	0	0	0.1205745	11.76	0.26592528	0	0.26592528	0.03219677
72	10	0	0.743	2.163286	0	0	0	0.1125807	11.76	0.24354413	0	0.24354413	0.02421007
72	11	0	0.518	1.849271	0	0	0	0.1177902	11.76	0.21782597	0	0.21782597	0.01249236
72	12	0	0.19	1.474807	0	0	0	0.1125996	11.76	0.16606271	0	0.16606271	-0.0015697
72	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
72	14	0	0	1.209012	0	0	0	0.1190906	11.76	0.14398187	0	0.14398187	6.0052E-06
72	15	0	0	1.261678	0	0	0	0.1176501	11.76	0.14843656	0	0.14843656	-0.000112
72	16	0	0	1.301403	0	0	0	0.1365183	11.76	0.17766525	0	0.17766525	5.045E-06
72	17	0	0	1.544912	0	0	0	0.1911413	11.76	0.29529654	0	0.29529654	-0.0001841
72	18	0	0	1.909388	0	0	0	0.200949	11.76	0.38368946	0	0.38368946	-0.000194
72	19	0	0	1.999803	0	0	0	0.1905074	11.76	0.38097726	0	0.38097726	-0.0001845
72	20	0	0	2.191947	0	0	0	0.1940154	11.76	0.42527147	0	0.42527147	-0.0001885
72	21	0	0.096	2.184934	0	0	0	0.2002066	11.76	0.43743824	0	0.43743824	6.8735E-06
72	22	0	0.096	1.930688	0	0	0	0.2031906	11.76	0.39229769	0	0.39229769	-0.0001951
72	23	0	0.096	1.506962	0	0	0	0.2204007	11.76	0.33213545	0	0.33213545	8.4076E-06
72	24	0	0.31	1.422863	0	0	0	0.2306783	11.76	0.32822368	0	0.32822368	0.0512156
73	1	0	0.488	1.151104	0	0	0	0.2424232	11.76	0.27905432	0	0.27905432	0.07151767
73	2	0	0.74	1.285898	0	0	0	0.235449	11.76	0.30276345	0	0.30276345	0.09465185
73	3	0	0.975	1.442426	0	0	0	0.2300975	11.76	0.33189856	0	0.33189856	0.11527955
73	4	0	1.063	1.615648	0	0	0	0.2321514	11.76	0.3750749	0	0.3750749	0.12048729
73	5	0	1.121	1.721656	0	0	0	0.2218729	11.76	0.38198886	0	0.38198886	0.11825888
73	6	0	1.116	2.104053	0	0	0	0.2003656	11.76	0.42157995	0	0.42157995	0.10419092
73	7	0	1.054	2.300592	0	0	0	0.1838347	11.76	0.42292875	0	0.42292875	0.08971347
73	8	0	0.632	2.231321	0	0	0	0.1316313	11.76	0.29371172	0	0.29371172	0.031726
73	9	0	0.096	1.517486	0	0	0	0.1205745	11.76	0.18297004	0	0.18297004	3.3778E-06
73	10	0	0	1.466286	0	0	0	0.1125807	11.76	0.16507541	0	0.16507541	5.2072E-06
73	11	0	0	1.376271	0	0	0	0.1177902	11.76	0.16211122	0	0.16211122	6.6136E-06
73	12	0	0	1.328807	0	0	0	0.1125996	11.76	0.14962317	0	0.14962317	6.7115E-06
73	13	0	0	1.280128	0	0	0	0.1137739	11.76	0.14564512	0	0.14564512	-0.0001078
73	14	0	0	1.206012	0	0	0	0.1190906	11.76	0.1436246	0	0.1436246	-0.0001131
73	15	0	0	1.257678	0	0	0	0.1176501	11.76	0.14796596	0	0.14796596	-0.0055239
73	16	0	0	1.252403	0	0	0	0.1365183	11.76	0.17097585	0	0.17097585	-0.0001315
73	17	0	0	1.494912	0	0	0	0.1911413	11.76	0.28573949	0	0.28573949	7.0408E-06
73	18	0	0	1.859388	0	0	0	0.200949	11.76	0.37364202	0	0.37364202	6.9709E-06
73	19	0	0	1.948803	0	0	0	0.1905074	11.76	0.37126136	0	0.37126136	0.00019653
73	20	0	0	2.186946	0	0	0	0.1940154	11.76	0.42430137	0	0.42430137	-0.0087252
73	21	0	0	2.130934	0	0	0	0.2002066	11.76	0.42662705	0	0.42662705	6.8735E-06
73	22	0	0	1.875688	0	0	0	0.2031906	11.76	0.38112219	0	0.38112219	8.1387E-06
73	23	0	0	1.452962	0	0	0	0.2204007	11.76	0.32023381	0	0.32023381	8.4339E-06
73	24	0	0	1.153863	0	0	0	0.2306783	11.76	0.26617119	0	0.26617119	0.00023569
74	1	0	0.096	0.755104	0	0	0	0.2424232	11.76	0.18305474	0	0.18305474	0.00024524
74	2	0	0.096	0.638898	0	0	0	0.235449	11.76	0.15042796	0	0.15042796	0.00023684
74	3	0	0.096	0.561426	0	0	0	0.2300975	11.76	0.12918265	0	0.12918265	0.00023078
74	4	0	0.096	0.646648	0	0	0	0.2321514	11.76	0.15012024	0	0.15012024	0.000465
74	5	0	0.096	0.695656	0	0	0	0.2218729	11.76	0.15434725	0	0.15434725	0.07565931
74	6	0	0.096	1.082053	0	0	0	0.2003656	11.76	0.21680629	0	0.21680629	0.13805274
74	7	0	0.096	1.341593	0	0	0	0.1838347	11.76	0.24663128	0	0.24663128	0.12170067
74	8	0	0.096	1.695321	0	0	0	0.1316313	11.76	0.22315733	0	0.22315733	0.06871439
74	9	0	0.096	1.517486	0	0	0	0.1205745	11.76	0.18297004	0	0.18297004	0.06535474
74	10	0	0.096	1.516286	0	0	0	0.1125807	11.76	0.17070444	0	0.17070444	0.00912425
74	11	0	0	1.377271	0	0	0	0.1177902	11.76	0.16222901	0	0.16222901	6.5996E-06
74	12	0	0	1.329807	0	0	0	0.1125996	11.76	0.14973577	0	0.14973577	0.0001193
74	13	0	0	1.281128	0	0	0	0.1137739	11.76	0.14575889	0	0.14575889	5.927E-06
74	14	0	0	1.208012	0	0	0	0.1190906	11.76	0.14386278	0	0.14386278	6.0194E-06
74	15	0	0	1.260678	0	0	0	0.1176501	11.76	0.1483189	0	0.1483189	5.624E-06
74	16	0	0	1.301403	0	0	0	0.1365183	11.76	0.17766525	0	0.17766525	5.045E-06

74	17	0	0	1.543912	0	0	0	0.1911413	11.76	0.29510539	0	0.29510539	7.0408E-06
74	18	0	0	1.908388	0	0	0	0.200949	11.76	0.38348853	0	0.38348853	6.9709E-06
74	19	0	0.096	2.048803	0	0	0	0.1905074	11.76	0.39031213	0	0.39031213	5.9955E-06
74	20	0	0.096	2.240947	0	0	0	0.1940154	11.76	0.43477823	0	0.43477823	5.5508E-06
74	21	0	0.096	2.183934	0	0	0	0.2002066	11.76	0.437238	0	0.437238	0.00020711
74	22	0	0.096	1.929688	0	0	0	0.2031906	11.76	0.39209449	0	0.39209449	8.1387E-06
74	23	0	0.096	1.506962	0	0	0	0.2204007	11.76	0.33213545	0	0.33213545	8.4076E-06
74	24	0	0.096	1.207863	0	0	0	0.2306783	11.76	0.27862783	0	0.27862783	0.15109931
75	1	0	0.516	1.179104	0	0	0	0.2424232	11.76	0.2858422	0	0.2858422	0.16485057
75	2	0	0.777	1.322898	0	0	0	0.235449	11.76	0.31147505	0	0.31147505	0.16340297
75	3	0	0.901	1.368426	0	0	0	0.2300975	11.76	0.31487135	0	0.31487135	0.15439611
75	4	0	1.006	1.558648	0	0	0	0.2321514	11.76	0.36184229	0	0.36184229	0.14811324
75	5	0	1.124	1.724656	0	0	0	0.2218729	11.76	0.38265444	0	0.38265444	0.14066811
75	6	0	1.144	2.132053	0	0	0	0.2003656	11.76	0.42719016	0	0.42719016	0.12603081
75	7	0	1.104	2.350593	0	0	0	0.1838347	11.76	0.43212052	0	0.43212052	0.10717769
75	8	0	1.035	2.634321	0	0	0	0.1316313	11.76	0.34675913	0	0.34675913	0.06845114
75	9	0	0.925	2.346486	0	0	0	0.1205745	11.76	0.28292629	0	0.28292629	0.04980064
75	10	0	0.67	2.090286	0	0	0	0.1125807	11.76	0.23532575	0	0.23532575	0.03073973
75	11	0	0.531	1.862271	0	0	0	0.1177902	11.76	0.21935725	0	0.21935725	0.02332905
75	12	0	0.463	1.747807	0	0	0	0.1125996	11.76	0.19680241	0	0.19680241	0.01678405
75	13	0	0.38	1.616128	0	0	0	0.1137739	11.76	0.18387315	0	0.18387315	0.01104199
75	14	0	0.273	1.437012	0	0	0	0.1190906	11.76	0.17113453	0	0.17113453	0.00715145
75	15	0	0.224	1.440678	0	0	0	0.1176501	11.76	0.16949593	0	0.16949593	0.00447631
75	16	0	0.259	1.516403	0	0	0	0.1365183	11.76	0.20701668	0	0.20701668	0.00969784
75	17	0	0.272	1.772912	0	0	0	0.1911413	11.76	0.33887677	0	0.33887677	0.01663634
75	18	0	0.318	2.183388	0	0	0	0.200949	11.76	0.43874948	0	0.43874948	0.01648481
75	19	0	0.391	2.346803	0	0	0	0.1905074	11.76	0.44708331	0	0.44708331	0.0230574
75	20	0	0.382	2.529947	0	0	0	0.1940154	11.76	0.4908487	0	0.4908487	0.02212328
75	21	0	0.455	2.545934	0	0	0	0.2002066	11.76	0.50971278	0	0.50971278	0.03304095
75	22	0	0.514	2.349688	0	0	0	0.2031906	11.76	0.47743452	0	0.47743452	0.04044309
75	23	0	0.596	2.007962	0	0	0	0.2204007	11.76	0.44255619	0	0.44255619	0.0480558
75	24	0	0.793	1.905863	0	0	0	0.2306783	11.76	0.4396413	0	0.4396413	0.065287
76	1	0	0.891	1.554104	0	0	0	0.2424232	11.76	0.3767509	0	0.3767509	0.07927517
76	2	0	1.021	1.566898	0	0	0	0.235449	11.76	0.36892462	0	0.36892462	0.08688207
76	3	0	0.961	1.428426	0	0	0	0.2300975	11.76	0.32867721	0	0.32867721	0.07961439
76	4	0	1.043	1.595648	0	0	0	0.2321514	11.76	0.37043188	0	0.37043188	0.0854324
76	5	0	1.039	1.639656	0	0	0	0.2218729	11.76	0.36379528	0	0.36379528	0.07965302
76	6	0	0.999	1.987053	0	0	0	0.2003656	11.76	0.39813715	0	0.39813715	0.0695277
76	7	0	0.889	2.135592	0	0	0	0.1838347	11.76	0.39259603	0	0.39259603	0.05699085
76	8	0	0.69	2.289321	0	0	0	0.1316313	11.76	0.30134635	0	0.30134635	0.02711889
76	9	0	0.458	1.879486	0	0	0	0.1205745	11.76	0.226618	0	0.226618	0.01049336
76	10	0	0.144	1.564286	0	0	0	0.1125807	11.76	0.17610832	0	0.17610832	-0.0053987
76	11	0	0.099	1.430271	0	0	0	0.1177902	11.76	0.16847189	0	0.16847189	-0.0062363
76	12	0	0	1.330807	0	0	0	0.1125996	11.76	0.14984836	0	0.14984836	6.7115E-06
76	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	-0.0001079
76	14	0	0	1.208012	0	0	0	0.1190906	11.76	0.14386278	0	0.14386278	-0.0001131
76	15	0	0	1.260678	0	0	0	0.1176501	11.76	0.1483189	0	0.1483189	-0.000112
76	16	0	0	1.300403	0	0	0	0.1365183	11.76	0.17752874	0	0.17752874	-0.0001315
76	17	0	0	1.542912	0	0	0	0.1911413	11.76	0.29491427	0	0.29491427	-0.0001841
76	18	0	0	1.907388	0	0	0	0.200949	11.76	0.38328757	0	0.38328757	-0.000194
76	19	0	0.096	2.047803	0	0	0	0.1905074	11.76	0.39012159	0	0.39012159	-0.000375
76	20	0	0.096	2.239946	0	0	0	0.1940154	11.76	0.43458418	0	0.43458418	-0.0001885
76	21	0	0.096	2.183934	0	0	0	0.2002066	11.76	0.437238	0	0.437238	-0.0001933
76	22	0	0.096	1.928688	0	0	0	0.2031906	11.76	0.39189131	0	0.39189131	8.1387E-06
76	23	0	0.096	1.505962	0	0	0	0.2204007	11.76	0.33191504	0	0.33191504	8.4339E-06
76	24	0	0.096	1.207863	0	0	0	0.2306783	11.76	0.27862783	0	0.27862783	5.0048E-06
77	1	0	0.096	0.758104	0	0	0	0.2424232	11.76	0.183782	0	0.183782	0.05357835
77	2	0	0.373	0.918898	0	0	0	0.235449	11.76	0.21635368	0	0.21635368	0.12290573
77	3	0	0.655	1.122426	0	0	0	0.2300975	11.76	0.25826738	0	0.25826738	0.1357582
77	4	0	0.832	1.384648	0	0	0	0.2321514	11.76	0.32144795	0	0.32144795	0.14439887
77	5	0	1.079	1.679656	0	0	0	0.2218729	11.76	0.37267019	0	0.37267019	0.14821172
77	6	0	1.026	2.014053	0	0	0	0.2003656	11.76	0.40354702	0	0.40354702	0.12202351
77	7	0	1.009	2.255593	0	0	0	0.1838347	11.76	0.41465622	0	0.41465622	0.10368486
77	8	0	0.74	2.339321	0	0	0	0.1316313	11.76	0.30792791	0	0.30792791	0.0516023
77	9	0	0.46	1.881486	0	0	0	0.1205745	11.76	0.22685915	0	0.22685915	0.02797664
77	10	0	0.096	1.516286	0	0	0	0.1125807	11.76	0.17070444	0	0.17070444	5.2206E-06
77	11	0	0	1.377271	0	0	0	0.1177902	11.76	0.16222901	0	0.16222901	6.5996E-06
77	12	0	0	1.329807	0	0	0	0.1125996	11.76	0.14973577	0	0.14973577	6.698E-06
77	13	0	0	1.280128	0	0	0	0.1137739	11.76	0.14564512	0	0.14564512	5.927E-06
77	14	0	0	1.207012	0	0	0	0.1190906	11.76	0.1437437	0	0.1437437	-0.0002322
77	15	0	0	1.258678	0	0	0	0.1176501	11.76	0.14808361	0	0.14808361	-0.0056416
77	16	0	0	1.298403	0	0	0	0.1365183	11.76	0.17725569	0	0.17725569	-0.0062748
77	17	0	0	1.494912	0	0	0	0.1911413	11.76	0.28573949	0	0.28573949	7.0408E-06
77	18	0	0	1.859388	0	0	0	0.200949	11.76	0.37364202	0	0.37364202	0.00020793
77	19	0	0	1.995803	0	0	0	0.1905074	11.76	0.38021522	0	0.38021522	-0.0087573
77	20	0	0	2.186946	0	0	0	0.1940154	11.76	0.42430137	0	0.42430137	0.00019955
77	21	0	0	2.130934	0	0	0	0.2002066	11.76	0.42662705	0	0.42662705	6.8735E-06
77	22	0	0	1.875688	0	0	0	0.2031906	11.76	0.38112219	0	0.38112219	0.00021134
77	23	0	0	1.452962	0	0	0	0.2204007	11.76	0.32023381	0	0.32023381	8.4339E-06
77	24	0	0.096	1.204863	0	0	0	0.2306783	11.76	0.27793579	0	0.27793579	5.0048E-06
78	1	0	0.096	0.755104	0	0	0	0.2424232	11.76	0.18305474	0	0.18305474	0.00024524
78	2	0	0	0.588898	0	0	0	0.235449	11.76	0.13865551	0	0.13865551	0.00023684
78	3	0	0.096	0.561426	0	0	0	0.2300975	11.76	0.12918265	0	0.12918265	0.00023078
78	4	0	0.096	0.646648	0	0	0	0.2321514	11.76	0.15012024	0	0.15012024	0.01880496
78	5	0	0.096	0.695656	0	0	0	0.2218729	11.76	0.15434725	0	0.15434725	0.0732187
78	6	0	0.096	1.083053	0	0	0	0.2003656	11.76	0.21700666	0	0.21700666	0.11040226
78	7	0	0.096	1.341593	0	0	0	0.1838347	11.76	0.24663128	0	0.24663128	0.11158977
78	8	0	0.096	1.695321	0	0	0	0.1316313	11.76	0.22315733	0	0.22315733	0.07345312
78	9	0	0.179	1.600486	0	0	0	0.1205745	11.76	0.19297772	0	0.19297772	0.05197099
78	10	0	0.272	1.692286	0	0	0	0.1125807	11.76	0.19051865	0	0.19051865	0.04413682
78	11	0	0.152	1.483271	0	0	0	0.1177902	11.76	0.17471476	0	0.17471476	0.03180996
78	12	0	0	1.330807	0	0	0	0.1125996	11.76	0.14984836	0	0.14984836	6.7115E-06
78	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
78	14	0	0	1.208012	0	0	0	0.1190906	11.76	0.14386278	0	0.14386278	6.0194E-06
78	15	0	0	1.260678	0	0	0	0.1176501	11.76	0.1483189	0	0.1483189	5.624E-06
78	16	0	0	1.301403	0	0	0	0.1365183	11.76	0.17766525	0	0.17766525	5.045E-06
78	17	0	0	1.544912	0	0	0	0.1911413	11.76	0.29529654	0	0.29529654	-0.0001841
78	18	0	0	1.909388	0	0	0	0.200949	11.76	0.38368946	0	0.38368946	6.9709E-06
78	19	0	0.096	2.049803	0	0	0	0.1905074	11.76	0.39050262	0	0.39050262	-0.0001845
78	20	0	0.096	2.241946	0	0	0	0.1940154	11.76	0.43497223	0	0.43497223	5.5508E-06
78	21	0	0.096	2.184934	0	0	0	0.2002066	11.76	0.43743824	0	0.43743824	0.00020707
78	22	0	0.096	1.930688	0	0	0	0.2031906	11.76	0.39229769	0	0.39229769	8.1387E-06
78	23	0	0.096	1.506962	0	0	0	0.2204007	11.76	0.33213545	0	0.33213545	0.10073153
78	24	0	0.334	1.446863	0	0	0	0.2306783	11.76	0.33375994	0	0.33375994	0.0968899
79	1	0	0.53	1.193104	0	0	0	0.2424232	11.76	0.28923611	0	0.28923611	0.10715387
79	2	0	0.848	1.393898	0	0	0	0.235449	11.76	0.32819193	0	0.32819193	0.13161739
79	3	0	0.868	1.335426	0	0	0	0.2300975	11.76	0.30727811	0	0.30727811	0.11643003
79	4	0	0.914	1.466648	0	0	0	0.2321514	11.76	0.34048437	0	0.34048437	0.11212981
79	5	0	1.043	1.643656	0	0	0	0.2218729	11.76	0.36468276	0	0.36468276	0.11825888
79	6	0	0.847	1.835053	0	0	0	0.2003656	11.76	0.36768159	0	0.36768159	0.08134927
79	7	0	0.819	2.065593	0	0	0	0.1838347	11.76	0.37972761	0	0.37972761	0.06746942
79	8	0	0.678	2.277321	0	0	0	0.1316313	11.76	0.29976676	0	0.29976676	0.0389657
79	9	0	0.635	2.056486	0	0	0	0.1205745	11.76	0.24795969	0	0.24795969	0.03279963
79	10	0	0.508	1.928286	0	0	0	0.1125807	11.76	0.21708768	0	0.21708768	0.01970683
79	11	0	0.148	1.479271	0	0	0	0.1177902	11.76	0.17424361	0	0.17424361	0.00495379
79	12	0	0	1.330807	0	0	0	0.1125996	11.76	0.14984836	0	0.14984836	6.7115E-06
79	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
79	14	0	0	1.209012	0	0	0	0.1190906	11.76	0.14398187	0	0.14398187	-0.0001131

79	15	0	0	1.260678	0	0	0	0.1176501	11.76	0.1483189	0	0.1483189	5.624E-06
79	16	0	0	1.301403	0	0	0	0.1365183	11.76	0.17766525	0	0.17766525	-0.0001315
79	17	0	0	1.543912	0	0	0	0.1911413	11.76	0.29510539	0	0.29510539	-0.0001841
79	18	0	0	1.909388	0	0	0	0.200949	11.76	0.38368946	0	0.38368946	-0.000194
79	19	0	0.096	2.048803	0	0	0	0.1905074	11.76	0.39031213	0	0.39031213	-0.0001845
79	20	0	0.096	2.241946	0	0	0	0.1940154	11.76	0.43497223	0	0.43497223	-0.0001885
79	21	0	0.096	2.184934	0	0	0	0.2002066	11.76	0.43743824	0	0.43743824	6.8735E-06
79	22	0	0.096	1.930688	0	0	0	0.2031906	11.76	0.39229769	0	0.39229769	-0.0001951
79	23	0	0.096	1.506962	0	0	0	0.2204007	11.76	0.33213545	0	0.33213545	8.4076E-06
79	24	0	0.179	1.291863	0	0	0	0.2306783	11.76	0.2980048	0	0.2980048	0.04706339
80	1	0	0.461	1.124104	0	0	0	0.2424232	11.76	0.27250891	0	0.27250891	0.07879036
80	2	0	0.738	1.283898	0	0	0	0.235449	11.76	0.30229253	0	0.30229253	0.10359894
80	3	0	0.88	1.347426	0	0	0	0.2300975	11.76	0.31003929	0	0.31003929	0.11320866
80	4	0	1.02	1.572648	0	0	0	0.2321514	11.76	0.3650924	0	0.3650924	0.12350521
80	5	0	1.087	1.687656	0	0	0	0.2218729	11.76	0.37444515	0	0.37444515	0.12092138
80	6	0	1.125	2.113053	0	0	0	0.2003656	11.76	0.42338321	0	0.42338321	0.10779758
80	7	0	1.052	2.298593	0	0	0	0.1838347	11.76	0.42256111	0	0.42256111	0.09247097
80	8	0	0.917	2.516321	0	0	0	0.1316313	11.76	0.33122663	0	0.33122663	0.0526554
80	9	0	0.787	2.208486	0	0	0	0.1205745	11.76	0.26628701	0	0.26628701	0.03762261
80	10	0	0.381	1.801286	0	0	0	0.1125807	11.76	0.20278993	0	0.20278993	0.01092553
80	11	0	0.2	1.531271	0	0	0	0.1177902	11.76	0.1803687	0	0.1803687	0.00259798
80	12	0	0.096	1.380807	0	0	0	0.1125996	11.76	0.15547835	0	0.15547835	6.698E-06
80	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
80	14	0	0	1.208012	0	0	0	0.1190906	11.76	0.14386278	0	0.14386278	6.0194E-06
80	15	0	0	1.260678	0	0	0	0.1176501	11.76	0.1483189	0	0.1483189	-0.000112
80	16	0	0	1.301403	0	0	0	0.1365183	11.76	0.17766525	0	0.17766525	-0.0001315
80	17	0	0	1.544912	0	0	0	0.1911413	11.76	0.29529654	0	0.29529654	-0.0001841
80	18	0	0	1.909388	0	0	0	0.200949	11.76	0.38368946	0	0.38368946	-0.000194
80	19	0	0	1.998803	0	0	0	0.1905074	11.76	0.38078674	0	0.38078674	-0.0001845
80	20	0	0.096	2.240947	0	0	0	0.1940154	11.76	0.43477823	0	0.43477823	-0.0001885
80	21	0	0.096	2.184934	0	0	0	0.2002066	11.76	0.43743824	0	0.43743824	-0.0001934
80	22	0	0.096	1.930688	0	0	0	0.2031906	11.76	0.39229769	0	0.39229769	-0.0001951
80	23	0	0.096	1.506962	0	0	0	0.2204007	11.76	0.33213545	0	0.33213545	8.4076E-06
80	24	0	0.147	1.259863	0	0	0	0.2306783	11.76	0.29062311	0	0.29062311	0.04314184
81	1	0	0.422	1.085104	0	0	0	0.2424232	11.76	0.26305439	0	0.26305439	0.07491161
81	2	0	0.579	1.124898	0	0	0	0.235449	11.76	0.26485616	0	0.26485616	0.08499847
81	3	0	0.684	1.151426	0	0	0	0.2300975	11.76	0.26494019	0	0.26494019	0.08881833
81	4	0	0.723	1.275648	0	0	0	0.2321514	11.76	0.29614346	0	0.29614346	0.08473592
81	5	0	0.838	1.438656	0	0	0	0.2218729	11.76	0.31919884	0	0.31919884	0.08874979
81	6	0	0.828	1.816053	0	0	0	0.2003656	11.76	0.36387463	0	0.36387463	0.07654051
81	7	0	0.838	2.084593	0	0	0	0.1838347	11.76	0.38322048	0	0.38322048	0.0705946
81	8	0	1.054	2.653321	0	0	0	0.1316313	11.76	0.34926013	0	0.34926013	0.0700307
81	9	0	1.136	2.557486	0	0	0	0.1205745	11.76	0.3083675	0	0.3083675	0.0675251
81	10	0	1.12	2.540286	0	0	0	0.1125807	11.76	0.28598702	0	0.28598702	0.05967298
81	11	0	0.97	2.301271	0	0	0	0.1177902	11.76	0.27106711	0	0.27106711	0.0493607
81	12	0	0.835	2.119807	0	0	0	0.1125996	11.76	0.23868949	0	0.23868949	0.03806537
81	13	0	0.623	1.860128	0	0	0	0.1137739	11.76	0.21163399	0	0.21163399	0.02583259
81	14	0	0.576	1.740012	0	0	0	0.1190906	11.76	0.20721896	0	0.20721896	0.02191867
81	15	0	0.547	1.763678	0	0	0	0.1176501	11.76	0.20749691	0	0.20749691	0.01941789
81	16	0	0.531	1.788403	0	0	0	0.1365183	11.76	0.24414965	0	0.24414965	0.01857153
81	17	0	0.547	2.047912	0	0	0	0.1911413	11.76	0.3914406	0	0.3914406	0.02867823
81	18	0	0.537	2.402388	0	0	0	0.200949	11.76	0.48275733	0	0.48275733	0.03055118
81	19	0	0.567	2.522803	0	0	0	0.1905074	11.76	0.48061264	0	0.48061264	0.03296375
81	20	0	0.575	2.722946	0	0	0	0.1940154	11.76	0.52829365	0	0.52829365	0.0370625
81	21	0	0.593	2.683934	0	0	0	0.2002066	11.76	0.53734129	0	0.53734129	0.04064882
81	22	0	0.801	2.636688	0	0	0	0.2031906	11.76	0.53575021	0	0.53575021	0.05913662
81	23	0	0.992	2.403962	0	0	0	0.2204007	11.76	0.5298349	0	0.5298349	0.08243829
81	24	0	1.087	2.199863	0	0	0	0.2306783	11.76	0.50746074	0	0.50746074	0.09227636
82	1	0	1.139	1.802104	0	0	0	0.2424232	11.76	0.43687184	0	0.43687184	0.10230547
82	2	0	1.203	1.748898	0	0	0	0.235449	11.76	0.41177635	0	0.41177635	0.10807243
82	3	0	1.216	1.683426	0	0	0	0.2300975	11.76	0.38735205	0	0.38735205	0.10216395
82	4	0	1.28	1.832648	0	0	0	0.2321514	11.76	0.42545175	0	0.42545175	0.10911187
82	5	0	1.353	1.953656	0	0	0	0.2218729	11.76	0.43346335	0	0.43346335	0.10827459
82	6	0	1.364	2.352053	0	0	0	0.2003656	11.76	0.4712706	0	0.4712706	0.10158622
82	7	0	1.217	2.463593	0	0	0	0.1838347	11.76	0.45289383	0	0.45289383	0.08364688
82	8	0	0.953	2.552321	0	0	0	0.1316313	11.76	0.33596539	0	0.33596539	0.04120342
82	9	0	0.707	2.128486	0	0	0	0.1205745	11.76	0.25664106	0	0.25664106	0.02882067
82	10	0	0.466	1.886286	0	0	0	0.1125807	11.76	0.21235929	0	0.21235929	0.01193875
82	11	0	0.451	1.782271	0	0	0	0.1177902	11.76	0.20993403	0	0.20993403	0.01131446
82	12	0	0.172	1.456807	0	0	0	0.1125996	11.76	0.16403592	0	0.16403592	-0.0085509
82	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
82	14	0	0	1.209012	0	0	0	0.1190906	11.76	0.14398187	0	0.14398187	6.0052E-06
82	15	0	0	1.260678	0	0	0	0.1176501	11.76	0.1483189	0	0.1483189	5.624E-06
82	16	0	0	1.301403	0	0	0	0.1365183	11.76	0.17766525	0	0.17766525	5.045E-06
82	17	0	0	1.545912	0	0	0	0.1911413	11.76	0.29548769	0	0.29548769	-0.0001841
82	18	0	0.096	1.960388	0	0	0	0.200949	11.76	0.39393788	0	0.39393788	-0.000194
82	19	0	0.096	2.050803	0	0	0	0.1905074	11.76	0.39069311	0	0.39069311	-0.0001845
82	20	0	0.096	2.242946	0	0	0	0.1940154	11.76	0.43516623	0	0.43516623	5.5508E-06
82	21	0	0.096	2.186934	0	0	0	0.2002066	11.76	0.43783862	0	0.43783862	-0.0001933
82	22	0	0.371	2.206688	0	0	0	0.2031906	11.76	0.44837829	0	0.44837829	0.03312818
82	23	0	0.523	1.934962	0	0	0	0.2204007	11.76	0.42646695	0	0.42646695	0.05599018
82	24	0	0.746	1.858863	0	0	0	0.2306783	11.76	0.42879943	0	0.42879943	0.08650941
83	1	0	0.959	1.622104	0	0	0	0.2424232	11.76	0.39323564	0	0.39323564	0.11297207
83	2	0	1.136	1.681898	0	0	0	0.235449	11.76	0.39600126	0	0.39600126	0.12808563
83	3	0	1.229	1.696426	0	0	0	0.2300975	11.76	0.39034335	0	0.39034335	0.13713879
83	4	0	1.373	1.925648	0	0	0	0.2321514	11.76	0.44704187	0	0.44704187	0.14950616
83	5	0	1.491	2.091656	0	0	0	0.2218729	11.76	0.46408181	0	0.46408181	0.1548679
83	6	0	1.552	2.540053	0	0	0	0.2003656	11.76	0.50893933	0	0.50893933	0.14506555
83	7	0	1.396	2.642592	0	0	0	0.1838347	11.76	0.48580022	0	0.48580022	0.11894318
83	8	0	0.932	2.531321	0	0	0	0.1316313	11.76	0.33320111	0	0.33320111	0.0569992
83	9	0	0.463	1.884486	0	0	0	0.1205745	11.76	0.22722088	0	0.22722088	0.02665033
83	10	0	0.153	1.573286	0	0	0	0.1125807	11.76	0.17712154	0	0.17712154	0.00056811
83	11	0	0.096	1.427271	0	0	0	0.1177902	11.76	0.16811852	0	0.16811852	6.6136E-06
83	12	0	0.096	1.380807	0	0	0	0.1125996	11.76	0.15547835	0	0.15547835	6.698E-06
83	13	0	0.096	1.331128	0	0	0	0.1137739	11.76	0.1514476	0	0.1514476	5.927E-06
83	14	0	0.096	1.258012	0	0	0	0.1190906	11.76	0.14981731	0	0.14981731	-0.0001131
83	15	0	0.096	1.310678	0	0	0	0.1176501	11.76	0.15420142	0	0.15420142	-0.000112
83	16	0	0.096	1.351403	0	0	0	0.1365183	11.76	0.18449118	0	0.18449118	-0.0001315
83	17	0	0.096	1.594912	0	0	0	0.1911413	11.76	0.30485362	0	0.30485362	-0.0001841
83	18	0	0.096	1.959388	0	0	0	0.200949	11.76	0.39373692	0	0.39373692	6.9709E-06
83	19	0	0.096	2.049803	0	0	0	0.1905074	11.76	0.39050262	0	0.39050262	-0.0001845
83	20	0	0.096	2.241946	0	0	0	0.1940154	11.76	0.43497223	0	0.43497223	5.5508E-06
83	21	0	0.096	2.185934	0	0	0	0.2002066	11.76	0.43763843	0	0.43763843	6.8735E-06
83	22	0	0.18	2.014688	0	0	0	0.2031906	11.76	0.40936572	0	0.40936572	0.0861609
83	23	0	0.57	1.981962	0	0	0	0.2204007	11.76	0.43682579	0	0.43682579	0.1236532
83	24	0	0.868	1.980863	0	0	0	0.2306783	11.76	0.45694218	0	0.45694218	0.14256425
84	1	0	1.092	1.755104	0	0	0	0.2424232	11.76	0.42547796	0	0.42547796	0.16388089
84	2	0	1.267	1.812898	0	0	0	0.235449	11.76	0.42684508	0	0.42684508	0.16340294
84	3	0	1.391	1.858426	0	0	0	0.2300975	11.76	0.42761913	0	0.42761913	0.17027284
84	4	0	1.432	1.984648	0	0	0	0.2321514	11.76	0.46073875	0	0.46073875	0.16297101
84	5	0	1.53	2.130656	0	0	0	0.2218729	11.76	0.47273486	0	0.47273486	0.16396467
84	6	0	1.515	2.503053	0	0	0	0.2003656	11.76	0.50152581	0	0.50152581	0.1428615
84	7	0	1.386	2.632592	0	0	0	0.1838347	11.76	0.48396188	0	0.48396188	0.1205977
84	8	0	0.753	2.352321	0	0	0	0.1316313	11.76	0.30963912	0	0.30963912	0.04001873
84	9	0	0.165	1.586486	0	0	0	0.1205745	11.76	0.19128968	0	0.19128968	0.00012396
84	10	0	0.096	1.516286	0	0	0	0.1125807	11.76	0.17070444	0	0.17070444	5.2206E-06
84	11	0	0.096	1.427271	0	0	0	0.1177902	11.76	0.16811852	0	0.16811852	-0.0001112
84	12	0	0	1.329807	0	0	0	0.1125996	11.76	0.14973577	0	0.14973577	-0.0001059

84	13	0	0	1.281128	0	0	0	0.1137739	11.76	0.14575889	0	0.14575889	-0.0001079
84	14	0	0	1.207012	0	0	0	0.1190906	11.76	0.1437437	0	0.1437437	-0.0001131
84	15	0	0	1.259678	0	0	0	0.1176501	11.76	0.14820126	0	0.14820126	-0.0002297
84	16	0	0	1.299403	0	0	0	0.1365183	11.76	0.17739222	0	0.17739222	-0.0001315
84	17	0	0	1.542912	0	0	0	0.1911413	11.76	0.29491427	0	0.29491427	-0.0003752
84	18	0	0	1.907388	0	0	0	0.200949	11.76	0.38328757	0	0.38328757	-0.0003949
84	19	0	0.096	2.046803	0	0	0	0.1905074	11.76	0.38993109	0	0.38993109	-0.0001845
84	20	0	0.096	2.239946	0	0	0	0.1940154	11.76	0.43458418	0	0.43458418	-0.0003825
84	21	0	0.096	2.182934	0	0	0	0.2002066	11.76	0.43703781	0	0.43703781	-0.0001933
84	22	0	0.096	1.928688	0	0	0	0.2031906	11.76	0.39189131	0	0.39189131	-0.0001951
84	23	0	0.096	1.505962	0	0	0	0.2204007	11.76	0.33191504	0	0.33191504	-0.000212
84	24	0	0.096	1.206863	0	0	0	0.2306783	11.76	0.27839716	0	0.27839716	5.0048E-06
85	1	0	0.096	0.757104	0	0	0	0.2424232	11.76	0.18353958	0	0.18353958	0.03200269
85	2	0	0.268	0.813898	0	0	0	0.235449	11.76	0.19163153	0	0.19163153	0.12408301
85	3	0	0.596	1.063426	0	0	0	0.2300975	11.76	0.24469162	0	0.24469162	0.13529801
85	4	0	0.903	1.455648	0	0	0	0.2321514	11.76	0.33793072	0	0.33793072	0.15391705
85	5	0	1.063	1.663656	0	0	0	0.2218729	11.76	0.36912022	0	0.36912022	0.15043045
85	6	0	1.157	2.145053	0	0	0	0.2003656	11.76	0.42979492	0	0.42979492	0.13725129
85	7	0	1.04	2.286592	0	0	0	0.1838347	11.76	0.42035507	0	0.42035507	0.10791306
85	8	0	0.89	2.489321	0	0	0	0.1316313	11.76	0.32767259	0	0.32767259	0.06147469
85	9	0	0.349	1.770486	0	0	0	0.1205745	11.76	0.21347539	0	0.21347539	0.02074219
85	10	0	0.207	1.627286	0	0	0	0.1125807	11.76	0.1832009	0	0.1832009	0.00957457
85	11	0	0	1.377271	0	0	0	0.1177902	11.76	0.16222901	0	0.16222901	6.5996E-06
85	12	0	0	1.330807	0	0	0	0.1125996	11.76	0.14984836	0	0.14984836	6.7115E-06
85	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
85	14	0	0	1.209012	0	0	0	0.1190906	11.76	0.14398187	0	0.14398187	-0.0001131
85	15	0	0	1.260678	0	0	0	0.1176501	11.76	0.1483189	0	0.1483189	5.624E-06
85	16	0	0	1.301403	0	0	0	0.1365183	11.76	0.17766525	0	0.17766525	5.045E-06
85	17	0	0	1.544912	0	0	0	0.1911413	11.76	0.29529654	0	0.29529654	-0.0001841
85	18	0	0	1.910388	0	0	0	0.200949	11.76	0.38389042	0	0.38389042	-0.000194
85	19	0	0.096	2.049803	0	0	0	0.1905074	11.76	0.39050262	0	0.39050262	5.9955E-06
85	20	0	0.096	2.241946	0	0	0	0.1940154	11.76	0.43497223	0	0.43497223	5.5508E-06
85	21	0	0.096	2.185934	0	0	0	0.2002066	11.76	0.43763843	0	0.43763843	6.8735E-06
85	22	0	0.096	1.930688	0	0	0	0.2031906	11.76	0.39229769	0	0.39229769	8.1387E-06
85	23	0	0.301	1.712962	0	0	0	0.2204007	11.76	0.37753799	0	0.37753799	0.04937819
85	24	0	0.649	1.761863	0	0	0	0.2306783	11.76	0.40642363	0	0.40642363	0.09412177
86	1	0	0.814	1.477104	0	0	0	0.2424232	11.76	0.35808428	0	0.35808428	0.10836601
86	2	0	0.995	1.540898	0	0	0	0.235449	11.76	0.36280294	0	0.36280294	0.12337665
86	3	0	1.094	1.561426	0	0	0	0.2300975	11.76	0.35928016	0	0.35928016	0.13230674
86	4	0	1.146	1.698648	0	0	0	0.2321514	11.76	0.39434351	0	0.39434351	0.13627355
86	5	0	1.182	1.782656	0	0	0	0.2218729	11.76	0.39552308	0	0.39552308	0.12558069
86	6	0	1.203	2.191053	0	0	0	0.2003656	11.76	0.43901174	0	0.43901174	0.11340779
86	7	0	1.113	2.359592	0	0	0	0.1838347	11.76	0.433775	0	0.433775	0.08971347
86	8	0	0.873	2.472321	0	0	0	0.1316313	11.76	0.32543486	0	0.32543486	0.0443626
86	9	0	0.882	2.303486	0	0	0	0.1205745	11.76	0.27774159	0	0.27774159	0.04099871
86	10	0	0.385	1.805286	0	0	0	0.1125807	11.76	0.20324025	0	0.20324025	0.0082236
86	11	0	0.096	1.427271	0	0	0	0.1177902	11.76	0.16811852	0	0.16811852	6.6136E-06
86	12	0	0.096	1.380807	0	0	0	0.1125996	11.76	0.15547835	0	0.15547835	6.698E-06
86	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
86	14	0	0	1.209012	0	0	0	0.1190906	11.76	0.14398187	0	0.14398187	-0.0001131
86	15	0	0	1.261678	0	0	0	0.1176501	11.76	0.14843656	0	0.14843656	-0.000112
86	16	0	0	1.302403	0	0	0	0.1365183	11.76	0.17780178	0	0.17780178	-0.0001315
86	17	0	0.096	1.595912	0	0	0	0.1911413	11.76	0.30504475	0	0.30504475	-0.0001841
86	18	0	0.096	1.960388	0	0	0	0.200949	11.76	0.39393788	0	0.39393788	6.9709E-06
86	19	0	0.096	2.050803	0	0	0	0.1905074	11.76	0.39069311	0	0.39069311	-0.0001845
86	20	0	0.096	2.242946	0	0	0	0.1940154	11.76	0.43516623	0	0.43516623	5.5508E-06
86	21	0	0.096	2.185934	0	0	0	0.2002066	11.76	0.43763843	0	0.43763843	0.01762506
86	22	0	0.297	2.132688	0	0	0	0.2031906	11.76	0.43334217	0	0.43334217	0.05710472
86	23	0	0.507	1.918962	0	0	0	0.2204007	11.76	0.42294055	0	0.42294055	0.07362224
86	24	0	0.746	1.858863	0	0	0	0.2306783	11.76	0.42879943	0	0.42879943	0.10196484
87	1	0	0.947	1.610104	0	0	0	0.2424232	11.76	0.3903266	0	0.3903266	0.11733566
87	2	0	1.202	1.747898	0	0	0	0.235449	11.76	0.41154089	0	0.41154089	0.1313819
87	3	0	1.299	1.766426	0	0	0	0.2300975	11.76	0.40645016	0	0.40645016	0.13598833
87	4	0	1.343	1.895648	0	0	0	0.2321514	11.76	0.44007734	0	0.44007734	0.13720214
87	5	0	1.384	1.984656	0	0	0	0.2218729	11.76	0.44034144	0	0.44034144	0.13223687
87	6	0	1.323	2.311053	0	0	0	0.2003656	11.76	0.46305559	0	0.46305559	0.11481034
87	7	0	1.334	2.580592	0	0	0	0.1838347	11.76	0.47440246	0	0.47440246	0.10055972
87	8	0	0.716	2.315321	0	0	0	0.1316313	11.76	0.30476877	0	0.30476877	0.03449024
87	9	0	0.33	1.751486	0	0	0	0.1205745	11.76	0.21118447	0	0.21118447	0.00711727
87	10	0	0.096	1.516286	0	0	0	0.1125807	11.76	0.17070444	0	0.17070444	5.2206E-06
87	11	0	0	1.377271	0	0	0	0.1177902	11.76	0.16222901	0	0.16222901	6.5996E-06
87	12	0	0	1.329807	0	0	0	0.1125996	11.76	0.14973577	0	0.14973577	6.698E-06
87	13	0	0	1.281128	0	0	0	0.1137739	11.76	0.14575889	0	0.14575889	-0.0001079
87	14	0	0	1.207012	0	0	0	0.1190906	11.76	0.1437437	0	0.1437437	-0.0001131
87	15	0	0	1.259678	0	0	0	0.1176501	11.76	0.14820126	0	0.14820126	-0.000112
87	16	0	0	1.300403	0	0	0	0.1365183	11.76	0.17752874	0	0.17752874	-0.000268
87	17	0	0	1.543912	0	0	0	0.1911413	11.76	0.29510539	0	0.29510539	-0.0003752
87	18	0	0	1.908388	0	0	0	0.200949	11.76	0.38348853	0	0.38348853	-0.000194
87	19	0	0	1.997803	0	0	0	0.1905074	11.76	0.38059623	0	0.38059623	-0.0001845
87	20	0	0.096	2.240947	0	0	0	0.1940154	11.76	0.43477823	0	0.43477823	-0.0001885
87	21	0	0.096	2.183934	0	0	0	0.2002066	11.76	0.437238	0	0.437238	6.8735E-06
87	22	0	0.096	1.929688	0	0	0	0.2031906	11.76	0.39209449	0	0.39209449	8.1387E-06
87	23	0	0.096	1.506962	0	0	0	0.2204007	11.76	0.33213545	0	0.33213545	8.4076E-06
87	24	0	0.096	1.207863	0	0	0	0.2306783	11.76	0.27862783	0	0.27862783	0.0968899
88	1	0	0.413	1.076104	0	0	0	0.2424232	11.76	0.26087257	0	0.26087257	0.13382046
88	2	0	0.68	1.225898	0	0	0	0.235449	11.76	0.2886365	0	0.2886365	0.14197712
88	3	0	0.838	1.305426	0	0	0	0.2300975	11.76	0.30037519	0	0.30037519	0.14174076
88	4	0	0.974	1.526648	0	0	0	0.2321514	11.76	0.35441344	0	0.35441344	0.14509533
88	5	0	1.096	1.696656	0	0	0	0.2218729	11.76	0.37644202	0	0.37644202	0.15109607
88	6	0	1.056	2.044054	0	0	0	0.2003656	11.76	0.40955803	0	0.40955803	0.1160125
88	7	0	1.012	2.258592	0	0	0	0.1838347	11.76	0.41520768	0	0.41520768	0.097986
88	8	0	0.88	2.479321	0	0	0	0.1316313	11.76	0.32635628	0	0.32635628	0.06371241
88	9	0	0.851	2.272486	0	0	0	0.1205745	11.76	0.27400379	0	0.27400379	0.0499212
88	10	0	0.434	1.854286	0	0	0	0.1125807	11.76	0.20875671	0	0.20875671	0.02229617
88	11	0	0.2	1.531271	0	0	0	0.1177902	11.76	0.1803687	0	0.1803687	0.01096109
88	12	0	0.096	1.380807	0	0	0	0.1125996	11.76	0.15547835	0	0.15547835	6.698E-06
88	13	0	0.096	1.332128	0	0	0	0.1137739	11.76	0.15156136	0	0.15156136	5.927E-06
88	14	0	0.096	1.259012	0	0	0	0.1190906	11.76	0.1499364	0	0.1499364	6.0194E-06
88	15	0	0.096	1.312678	0	0	0	0.1176501	11.76	0.15443672	0	0.15443672	5.624E-06
88	16	0	0.096	1.353403	0	0	0	0.1365183	11.76	0.18476421	0	0.18476421	-0.0001315
88	17	0	0.096	1.595912	0	0	0	0.1911413	11.76	0.30504475	0	0.30504475	7.0408E-06
88	18	0	0.096	1.960388	0	0	0	0.200949	11.76	0.39393788	0	0.39393788	6.9709E-06
88	19	0	0.096	2.050803	0	0	0	0.1905074	11.76	0.39069311	0	0.39069311	5.9955E-06
88	20	0	0.096	2.242946	0	0	0	0.1940154	11.76	0.43516623	0	0.43516623	0.01552682
88	21	0	0.288	2.378934	0	0	0	0.2002066	11.76	0.47627831	0	0.47627831	0.04945789
88	22	0	0.499	2.334688	0	0	0	0.2031906	11.76	0.47438669	0	0.47438669	0.06929609
88	23	0	0.802	2.213962	0	0	0	0.2204007	11.76	0.48795875	0	0.48795875	0.10558037
88	24	0	1.005	2.117863	0	0	0	0.2306783	11.76	0.48854511	0	0.48854511	0.13033828
89	1	0	1.147	1.810104	0	0	0	0.2424232	11.76	0.43881125	0	0.43881125	0.14569914
89	2	0	1.211	1.756898	0	0	0	0.235449	11.76	0.41365991	0	0.41365991	0.14668613
89	3	0	1.312	1.779426	0	0	0	0.2300975	11.76	0.4094414	0	0.4094414	0.14220098
89	4	0	1.3	1.852648	0	0	0	0.2321514	11.76	0.43009478	0	0.43009478	0.14161303
89	5	0	1.311	1.911656	0	0	0	0.2218729	11.76	0.42414467	0	0.42414467	0.13223692
89	6	0	1.312	2.300053	0	0	0	0.2003656	11.76	0.46085158	0	0.46085158	0.11581215
89	7	0	1.132	2.378592	0	0	0	0.1838347	11.76	0.43726787	0	0.43726787	0.08732358
89	8	0	0.646	2.245321	0	0	0	0.1316313	11.76	0.29555455	0	0.29555455	0.03238417
89	9	0	0.355	1.776486	0	0	0	0.1205745	11.76	0.21419883	0	0.21419883	0.01386944
89	10	0	0.096	1.516286	0	0	0	0.1125807	11.76	0.17070444	0	0.17070444	5.2206E-06

89	11	0	0.096	1.427271	0	0	0	0.1177902	11.76	0.16811852	0	0.16811852	6.6136E-06
89	12	0	0.096	1.380807	0	0	0	0.1125996	11.76	0.15547835	0	0.15547835	-0.0001059
89	13	0	0	1.282128	0	0	0	0.1137739	11.76	0.14587267	0	0.14587267	5.927E-06
89	14	0	0	1.208012	0	0	0	0.1190906	11.76	0.14386278	0	0.14386278	6.0194E-06
89	15	0	0	1.260678	0	0	0	0.1176501	11.76	0.1483189	0	0.1483189	5.624E-06
89	16	0	0	1.302403	0	0	0	0.1365183	11.76	0.17780178	0	0.17780178	-0.0001315
89	17	0	0	1.544912	0	0	0	0.1911413	11.76	0.29529654	0	0.29529654	7.0408E-06
89	18	0	0	1.910388	0	0	0	0.200949	11.76	0.38389042	0	0.38389042	-0.000194
89	19	0	0.096	2.049803	0	0	0	0.1905074	11.76	0.39050262	0	0.39050262	5.9955E-06
89	20	0	0.096	2.241946	0	0	0	0.1940154	11.76	0.43497223	0	0.43497223	5.5508E-06
89	21	0	0.096	2.185934	0	0	0	0.2002066	11.76	0.43763843	0	0.43763843	6.8735E-06
89	22	0	0.096	1.930688	0	0	0	0.2031906	11.76	0.39229769	0	0.39229769	8.1387E-06
89	23	0	0.186	1.597962	0	0	0	0.2204007	11.76	0.35219191	0	0.35219191	0.0255749
89	24	0	0.435	1.547863	0	0	0	0.2306783	11.76	0.35705847	0	0.35705847	0.05698255
90	1	0	0.582	1.245104	0	0	0	0.2424232	11.76	0.30184213	0	0.30184213	0.07224491
90	2	0	0.743	1.288898	0	0	0	0.235449	11.76	0.30346978	0	0.30346978	0.08546942
90	3	0	0.81	1.277426	0	0	0	0.2300975	11.76	0.29393248	0	0.29393248	0.08697752
90	4	0	0.936	1.488648	0	0	0	0.2321514	11.76	0.34559171	0	0.34559171	0.1000579
90	5	0	0.868	1.468656	0	0	0	0.2218729	11.76	0.32585502	0	0.32585502	0.08431233
90	6	0	0.781	1.769053	0	0	0	0.2003656	11.76	0.35445746	0	0.35445746	0.0695277
90	7	0	0.681	1.927593	0	0	0	0.1838347	11.76	0.35435842	0	0.35435842	0.05294648
90	8	0	0.566	2.165321	0	0	0	0.1316313	11.76	0.28502406	0	0.28502406	0.02935662
90	9	0	0.496	1.917486	0	0	0	0.1205745	11.76	0.23119983	0	0.23119983	0.02001876
90	10	0	0.435	1.855286	0	0	0	0.1125807	11.76	0.20886928	0	0.20886928	0.01283941
90	11	0	0.299	1.630271	0	0	0	0.1177902	11.76	0.19202993	0	0.19202993	0.0071918
90	12	0	0.211	1.495807	0	0	0	0.1125996	11.76	0.16842731	0	0.16842731	0.00147049
90	13	0	0.267	1.503128	0	0	0	0.1137739	11.76	0.1710167	0	0.1710167	-0.0006767
90	14	0	0.222	1.386012	0	0	0	0.1190906	11.76	0.16506089	0	0.16506089	-0.0028521
90	15	0	0.231	1.447678	0	0	0	0.1176501	11.76	0.17031948	0	0.17031948	-0.0014062
90	16	0	0.243	1.500403	0	0	0	0.1365183	11.76	0.20483239	0	0.20483239	0.00068764
90	17	0	0.268	1.768912	0	0	0	0.1911413	11.76	0.33811219	0	0.33811219	0.01319579
90	18	0	0.257	2.122388	0	0	0	0.200949	11.76	0.42649162	0	0.42649162	0.01487719
90	19	0	0.288	2.243803	0	0	0	0.1905074	11.76	0.42746106	0	0.42746106	0.01943775
90	20	0	0.312	2.459946	0	0	0	0.1940154	11.76	0.47726758	0	0.47726758	0.02716773
90	21	0	0.352	2.442934	0	0	0	0.2002066	11.76	0.48909151	0	0.48909151	0.03203994
90	22	0	0.43	2.265688	0	0	0	0.2031906	11.76	0.46036654	0	0.46036654	0.03820796
90	23	0	0.521	1.932962	0	0	0	0.2204007	11.76	0.42602615	0	0.42602615	0.04871698
90	24	0	0.646	1.758863	0	0	0	0.2306783	11.76	0.40573159	0	0.40573159	0.06067341
91	1	0	0.729	1.385104	0	0	0	0.1572737	11.76	0.21784037	0	0.21784037	0.04498211
91	2	0	0.846	1.388898	0	0	0	0.1533511	11.76	0.21298907	0	0.21298907	0.04968667
91	3	0	0.878	1.345426	0	0	0	0.147981	11.76	0.19909747	0	0.19909747	0.04957411
91	4	0	0.963	1.515648	0	0	0	0.1547114	11.76	0.23448811	0	0.23448811	0.056006
91	5	0	0.887	1.487656	0	0	0	0.1495031	11.76	0.22240923	0	0.22240923	0.04828996
91	6	0	0.711	1.692053	0	0	0	0.1298967	11.76	0.21979212	0	0.21979212	0.03312418
91	7	0	0.577	1.810593	0	0	0	0.1097001	11.76	0.19862222	0	0.19862222	0.02095399
91	8	0	0.241	1.809321	0	0	0	0.0976286	11.76	0.17664154	0	0.17664154	0.00605509
91	9	0	0	1.442486	0	0	0	0.0990982	11.76	0.14294779	0	0.14294779	2.7762E-06
91	10	0	0	1.440286	0	0	0	0.0940226	11.76	0.13541937	0	0.13541937	4.3601E-06
91	11	0	0	1.351271	0	0	0	0.093595	11.76	0.12647222	0	0.12647222	-8.834E-05
91	12	0	0	1.305807	0	0	0	0.0951711	11.76	0.12427509	0	0.12427509	-8.95E-05
91	13	0	0	1.259128	0	0	0	0.0962497	11.76	0.12119069	0	0.12119069	-9.124E-05
91	14	0	0	1.187012	0	0	0	0.0956626	11.76	0.11355259	0	0.11355259	-0.0044913
91	15	0.344	0	1.539678	0	0	0	0.0987978	11.76	0.15211675	0	0.15211675	0.08744075
91	16	0.735	0	1.972403	0	0	0	0.101447	11.76	0.20009442	0	0.20009442	0.08390046
91	17	0.873	0	2.350912	0	0	0	0.1273235	11.76	0.29932633	0	0.29932633	0.09269615
91	18	0.819	0	2.658388	0	0	0	0.1402528	11.76	0.37284623	0	0.37284623	0.08149172
91	19	0.557	0	2.481803	0	0	0	0.1432948	11.76	0.35562936	0	0.35562936	-0.0798107
91	20	0	0	2.114946	0	0	0	0.142568	11.76	0.30152359	0	0.30152359	0.00014667
91	21	0	0	2.060934	0	0	0	0.1440342	11.76	0.29684511	0	0.29684511	4.945E-06
91	22	0	0	1.808688	0	0	0	0.1401851	11.76	0.25355122	0	0.25355122	5.615E-06
91	23	0	0	1.387962	0	0	0	0.1430238	11.76	0.19851163	0	0.19851163	5.4559E-06
91	24	0	0	1.136863	0	0	0	0.1507699	11.76	0.17140468	0	0.17140468	0.00015403
92	1	0	0	0.627104	0	0	0	0.1572737	11.76	0.09862694	0	0.09862694	1.828E-06
92	2	0	0	0.513898	0	0	0	0.1533511	11.76	0.07880687	0	0.07880687	0.00015425
92	3	0	0	0.509426	0	0	0	0.147981	11.76	0.07538534	0	0.07538534	0.00014842
92	4	0	0	0.594648	0	0	0	0.1547114	11.76	0.09199887	0	0.09199887	0.00030988
92	5	0	0	0.784656	0	0	0	0.1495031	11.76	0.11730855	0	0.11730855	0.00014994
92	6	0	0	1.165053	0	0	0	0.1298967	11.76	0.15133658	0	0.15133658	0.00013043
92	7	0	0	1.699592	0	0	0	0.1097001	11.76	0.1864455	0	0.1864455	0.00011096
92	8	0	0	1.471321	0	0	0	0.0976286	11.76	0.14364305	0	0.14364305	9.974E-05
92	9	0	0	1.454486	0	0	0	0.0990982	11.76	0.14413696	0	0.14413696	0.00010188
92	10	0	0	1.423286	0	0	0	0.0940226	11.76	0.13382099	0	0.13382099	9.8376E-05
92	11	0	0	1.292271	0	0	0	0.093595	11.76	0.12095012	0	0.12095012	9.8843E-05
92	12	0	0	1.201807	0	0	0	0.0951711	11.76	0.1143773	0	0.1143773	5.6726E-06
92	13	0	0	1.155128	0	0	0	0.0962497	11.76	0.11118071	0	0.11118071	5.0256E-06
92	14	0	0	1.084012	0	0	0	0.0956626	11.76	0.10369935	0	0.10369935	0.00010049
92	15	0	0	1.167678	0	0	0	0.0987978	11.76	0.11536398	0	0.11536398	0.00010351
92	16	0	0	1.295403	0	0	0	0.101447	11.76	0.13141477	0	0.13141477	3.749E-06
92	17	0	0	1.564912	0	0	0	0.1273235	11.76	0.19925006	0	0.19925006	4.69E-06
92	18	0	0	1.925388	0	0	0	0.1402528	11.76	0.27004098	0	0.27004098	0.00014511
92	19	0	0	1.983803	0	0	0	0.1432948	11.76	0.28426858	0	0.28426858	4.5097E-06
92	20	0	0	2.060946	0	0	0	0.142568	11.76	0.29382493	0	0.29382493	4.0789E-06
92	21	0	0	2.005934	0	0	0	0.1440342	11.76	0.28892322	0	0.28892322	4.945E-06
92	22	0	0	1.799688	0	0	0	0.1401851	11.76	0.25228954	0	0.25228954	5.615E-06
92	23	0	0	1.378962	0	0	0	0.1430238	11.76	0.1972244	0	0.1972244	5.473E-06
92	24	0	0	0.913863	0	0	0	0.1507699	11.76	0.137783	0	0.137783	0.00015404
93	1	0	0	0.629104	0	0	0	0.1572737	11.76	0.09894149	0	0.09894149	0.0001591
93	2	0	0	0.515898	0	0	0	0.1533511	11.76	0.07911357	0	0.07911357	0.00015426
93	3	0	0	0.511426	0	0	0	0.147981	11.76	0.07568131	0	0.07568131	0.00029639
93	4	0	0	0.597648	0	0	0	0.1547114	11.76	0.09246301	0	0.09246301	0.00015517
93	5	0	0	0.786656	0	0	0	0.1495031	11.76	0.11760756	0	0.11760756	0.02332293
93	6	0	0	1.167053	0	0	0	0.1298967	11.76	0.15159637	0	0.15159637	0.0327345
93	7	0	0	1.701592	0	0	0	0.1097001	11.76	0.1866649	0	0.1866649	0.0375187
93	8	0	0	1.472321	0	0	0	0.0976286	11.76	0.14374069	0	0.14374069	0.03973697
93	9	0	0.096	1.506486	0	0	0	0.0990982	11.76	0.14929008	0	0.14929008	0.038552
93	10	0	0.096	1.476286	0	0	0	0.0940226	11.76	0.13880418	0	0.13880418	0.03780143
93	11	0	0.164	1.414271	0	0	0	0.093595	11.76	0.13236871	0	0.13236871	0.02986205
93	12	0	0.157	1.362807	0	0	0	0.0951711	11.76	0.12969985	0	0.12969985	0.02360811
93	13	0	0.131	1.291128	0	0	0	0.0962497	11.76	0.12427067	0	0.12427067	0.01655997
93	14	0	0.145	1.235012	0	0	0	0.0956626	11.76	0.1181444	0	0.1181444	0.01444988
93	15	0	0.141	1.313678	0	0	0	0.0987978	11.76	0.12978846	0	0.12978846	0.01265083
93	16	0	0.155	1.455403	0	0	0	0.101447	11.76	0.14764631	0	0.14764631	0.01126438
93	17	0	0.145	1.713912	0	0	0	0.1273235	11.76	0.21822126	0	0.21822126	0.01273704
93	18	0	0.179	2.109388	0	0	0	0.1402528	11.76	0.29584749	0	0.29584749	0.0152924
93	19	0	0.215	2.202803	0	0	0	0.1432948	11.76	0.31565015	0	0.31565015	0.01762975
93	20	0	0.263	2.327946	0	0	0	0.142568	11.76	0.33189057	0	0.33189057	0.02081902
93	21	0	0.357	2.366934	0	0	0	0.1440342	11.76	0.34091959	0	0.34091959	0.02564304
93	22	0	0.471	2.228688	0	0	0	0.1401851	11.76	0.31242898	0	0.31242898	0.03210799
93	23	0	0.555	1.891962	0	0	0	0.1430238	11.76	0.27059563	0	0.27059563	0.03704864
93	24	0	0.67	1.540863	0	0	0	0.1507699	11.76	0.23231571	0	0.23231571	0.04252036
94	1	0	0.65	1.236104	0	0	0	0.1572737	11.76	0.19440661	0	0.19440661	0.04167936
94	2	0	0.736	1.207898	0	0	0	0.1533511	11.76	0.18523252	0	0.18523252	0.04508614
94	3	0	0.743	1.210426	0	0	0	0.147981	11.76	0.17912005	0	0.17912005	0.04291494
94	4	0	0.742	1.294648	0	0	0	0.1547114	11.76	0.20029688	0	0.20029688	0.04301024
94	5	0	0.701	1.442656	0	0	0	0.1495031	11.76	0.2156816	0	0.2156816	0.03842274
94	6	0	0.678	1.800053	0	0	0	0.1298967	11.76	0.23382096	0	0.23382096	0.03117575
94	7	0	0.615	2.271593	0	0	0	0.1097001	11.76	0.24919398	0	0.24919398	0.02281887
94	8	0	0.538	1.965321	0	0	0	0.0976286	11.76	0.19187161	0	0.19187161	0.01581795

94	9	0	0.252	1.662486	0	0	0	0.0990982	11.76	0.16474941	0	0.16474941	0.00049827
94	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	4.3488E-06
94	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	5.2551E-06
94	12	0	0	1.251807	0	0	0	0.0951711	11.76	0.11913586	0	0.11913586	-8.951E-05
94	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	5.0141E-06
94	14	0	0	1.133012	0	0	0	0.0956626	11.76	0.10838682	0	0.10838682	-0.0043957
94	15	0	0	1.169678	0	0	0	0.0987978	11.76	0.11556157	0	0.11556157	4.7228E-06
94	16	0	0	1.296403	0	0	0	0.101447	11.76	0.13151622	0	0.13151622	3.749E-06
94	17	0	0	1.565912	0	0	0	0.1273235	11.76	0.19937739	0	0.19937739	4.69E-06
94	18	0	0	1.926388	0	0	0	0.1402528	11.76	0.27018122	0	0.27018122	0.00014512
94	19	0	0	1.984803	0	0	0	0.1432948	11.76	0.28441186	0	0.28441186	4.5097E-06
94	20	0	0	2.107946	0	0	0	0.142568	11.76	0.30052562	0	0.30052562	4.0789E-06
94	21	0	0.096	2.102934	0	0	0	0.1440342	11.76	0.30289456	0	0.30289456	4.945E-06
94	22	0	0.096	1.850688	0	0	0	0.1401851	11.76	0.25943898	0	0.25943898	0.00014581
94	23	0	0.096	1.430962	0	0	0	0.1430238	11.76	0.20466165	0	0.20466165	5.4559E-06
94	24	0	0.096	0.965863	0	0	0	0.1507699	11.76	0.14562303	0	0.14562303	3.2711E-06
95	1	0	0.096	0.681104	0	0	0	0.1572737	11.76	0.10711972	0	0.10711972	0.03067019
95	2	0	0.096	0.567898	0	0	0	0.1533511	11.76	0.08708782	0	0.08708782	0.05275369
95	3	0	0.156	0.623426	0	0	0	0.147981	11.76	0.09225518	0	0.09225518	0.06185651
95	4	0	0.276	0.828648	0	0	0	0.1547114	11.76	0.12820134	0	0.12820134	0.05801727
95	5	0	0.348	1.089656	0	0	0	0.1495031	11.76	0.16290701	0	0.16290701	0.05128001
95	6	0	0.428	1.550053	0	0	0	0.1298967	11.76	0.20134679	0	0.20134679	0.04312623
95	7	0	0.364	2.020592	0	0	0	0.1097001	11.76	0.22165924	0	0.22165924	0.02808449
95	8	0	0.248	1.675321	0	0	0	0.0976286	11.76	0.16355931	0	0.16355931	0.01591557
95	9	0	0	1.456486	0	0	0	0.0990982	11.76	0.14433517	0	0.14433517	2.7762E-06
95	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	4.3488E-06
95	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	5.2551E-06
95	12	0	0	1.250807	0	0	0	0.0951711	11.76	0.11904068	0	0.11904068	5.6613E-06
95	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	5.0141E-06
95	14	0	0	1.134012	0	0	0	0.0956626	11.76	0.10848247	0	0.10848247	-9.083E-05
95	15	0	0	1.217678	0	0	0	0.0987978	11.76	0.12030386	0	0.12030386	-9.408E-05
95	16	0	0	1.344403	0	0	0	0.101447	11.76	0.13638568	0	0.13638568	3.749E-06
95	17	0	0	1.613912	0	0	0	0.1273235	11.76	0.20548891	0	0.20548891	-0.0001226
95	18	0	0	1.974388	0	0	0	0.1402528	11.76	0.27691335	0	0.27691335	4.8654E-06
95	19	0	0.096	2.082803	0	0	0	0.1432948	11.76	0.29845476	0	0.29845476	4.5097E-06
95	20	0	0.096	2.159946	0	0	0	0.142568	11.76	0.30793916	0	0.30793916	4.0789E-06
95	21	0	0.096	2.105934	0	0	0	0.1440342	11.76	0.30332663	0	0.30332663	4.945E-06
95	22	0	0.096	1.853688	0	0	0	0.1401851	11.76	0.25985954	0	0.25985954	0.02720155
95	23	0	0.328	1.664962	0	0	0	0.1430238	11.76	0.23812922	0	0.23812922	0.04162539
95	24	0	0.54	1.410863	0	0	0	0.1507699	11.76	0.21271561	0	0.21271561	0.05412966
96	1	0	0.704	1.290104	0	0	0	0.1572737	11.76	0.20289939	0	0.20289939	0.06228219
96	2	0	0.719	1.190898	0	0	0	0.1533511	11.76	0.18262556	0	0.18262556	0.05919444
96	3	0	0.753	1.220426	0	0	0	0.147981	11.76	0.18059986	0	0.18059986	0.05712113
96	4	0	0.766	1.318648	0	0	0	0.1547114	11.76	0.20400995	0	0.20400995	0.05569658
96	5	0	0.747	1.488656	0	0	0	0.1495031	11.76	0.22255874	0	0.22255874	0.05247605
96	6	0	0.738	1.860053	0	0	0	0.1298967	11.76	0.24161476	0	0.24161476	0.04299635
96	7	0	0.726	2.382592	0	0	0	0.1097001	11.76	0.26137068	0	0.26137068	0.0337889
96	8	0	0.314	1.741321	0	0	0	0.0976286	11.76	0.1700028	0	0.1700028	0.00810528
96	9	0	0	1.456486	0	0	0	0.0990982	11.76	0.14433517	0	0.14433517	2.7762E-06
96	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	4.3488E-06
96	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	5.2551E-06
96	12	0	0	1.250807	0	0	0	0.0951711	11.76	0.11904068	0	0.11904068	5.6613E-06
96	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	5.0141E-06
96	14	0	0	1.133012	0	0	0	0.0956626	11.76	0.10838682	0	0.10838682	4.8238E-06
96	15	0	0	1.216678	0	0	0	0.0987978	11.76	0.12020507	0	0.12020507	-9.408E-05
96	16	0	0	1.343403	0	0	0	0.101447	11.76	0.13628424	0	0.13628424	-9.77E-05
96	17	0	0	1.611912	0	0	0	0.1273235	11.76	0.20523427	0	0.20523427	-0.0001226
96	18	0	0	1.972388	0	0	0	0.1402528	11.76	0.27663285	0	0.27663285	-0.0001354
96	19	0	0	2.030803	0	0	0	0.1432948	11.76	0.29100342	0	0.29100342	-0.0001388
96	20	0	0	2.107946	0	0	0	0.142568	11.76	0.30052562	0	0.30052562	-0.0001385
96	21	0	0	2.053934	0	0	0	0.1440342	11.76	0.29583687	0	0.29583687	-0.0001391
96	22	0	0.096	1.851688	0	0	0	0.1401851	11.76	0.25957917	0	0.25957917	5.615E-06
96	23	0	0.096	1.430962	0	0	0	0.1430238	11.76	0.20466165	0	0.20466165	5.4559E-06
96	24	0	0.096	0.965863	0	0	0	0.1507699	11.76	0.14562303	0	0.14562303	3.2711E-06
97	1	0	0.096	0.681104	0	0	0	0.1572737	11.76	0.10711972	0	0.10711972	0.03648932
97	2	0	0.294	0.765898	0	0	0	0.1533511	11.76	0.11745134	0	0.11745134	0.04523949
97	3	0	0.493	0.960426	0	0	0	0.147981	11.76	0.14212479	0	0.14212479	0.05416149
97	4	0	0.702	1.254648	0	0	0	0.1547114	11.76	0.19410843	0	0.19410843	0.06683581
97	5	0	0.672	1.413656	0	0	0	0.1495031	11.76	0.21134602	0	0.21134602	0.05905418
97	6	0	0.705	1.827053	0	0	0	0.1298967	11.76	0.23732817	0	0.23732817	0.05195919
97	7	0	0.454	2.110592	0	0	0	0.1097001	11.76	0.23153224	0	0.23153224	0.025342
97	8	0	0.148	1.575321	0	0	0	0.0976286	11.76	0.15379644	0	0.15379644	0.00566456
97	9	0	0	1.456486	0	0	0	0.0990982	11.76	0.14433517	0	0.14433517	2.7762E-06
97	10	0	0	1.425286	0	0	0	0.0940226	11.76	0.13400903	0	0.13400903	4.3601E-06
97	11	0	0	1.294271	0	0	0	0.093595	11.76	0.1211373	0	0.1211373	5.2551E-06
97	12	0	0	1.249807	0	0	0	0.0951711	11.76	0.11894551	0	0.11894551	5.6726E-06
97	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	-9.123E-05
97	14	0	0	1.133012	0	0	0	0.0956626	11.76	0.10838682	0	0.10838682	-9.083E-05
97	15	0	0	1.215678	0	0	0	0.0987978	11.76	0.12010627	0	0.12010627	-9.408E-05
97	16	0	0	1.342403	0	0	0	0.101447	11.76	0.13618279	0	0.13618279	-9.77E-05
97	17	0	0	1.610912	0	0	0	0.1273235	11.76	0.20510694	0	0.20510694	-0.0001226
97	18	0	0	1.972388	0	0	0	0.1402528	11.76	0.27663285	0	0.27663285	-0.0002757
97	19	0	0	2.029803	0	0	0	0.1432948	11.76	0.29086014	0	0.29086014	-0.0001388
97	20	0	0	2.106946	0	0	0	0.142568	11.76	0.30038306	0	0.30038306	-0.0001385
97	21	0	0.096	2.102934	0	0	0	0.1440342	11.76	0.30289456	0	0.30289456	-0.0001391
97	22	0	0.096	1.850688	0	0	0	0.1401851	11.76	0.25943898	0	0.25943898	5.615E-06
97	23	0	0.096	1.430962	0	0	0	0.1430238	11.76	0.20466165	0	0.20466165	-0.0001376
97	24	0	0.096	0.965863	0	0	0	0.1507699	11.76	0.14562303	0	0.14562303	3.2711E-06
98	1	0	0.096	0.681104	0	0	0	0.1572737	11.76	0.10711972	0	0.10711972	0.04010661
98	2	0	0.167	0.638898	0	0	0	0.1533511	11.76	0.09797575	0	0.09797575	0.07253597
98	3	0	0.397	0.864426	0	0	0	0.147981	11.76	0.12791861	0	0.12791861	0.07769047
98	4	0	0.604	1.156648	0	0	0	0.1547114	11.76	0.1789467	0	0.1789467	0.09097078
98	5	0	0.613	1.354656	0	0	0	0.1495031	11.76	0.20252533	0	0.20252533	0.07295797
98	6	0	0.683	1.805053	0	0	0	0.1298967	11.76	0.23447045	0	0.23447045	0.06533856
98	7	0	0.712	2.368593	0	0	0	0.1097001	11.76	0.25983488	0	0.25983488	0.05364462
98	8	0	0.32	1.747321	0	0	0	0.0976286	11.76	0.17058857	0	0.17058857	0.01962546
98	9	0	0.222	1.632486	0	0	0	0.0990982	11.76	0.16177646	0	0.16177646	0.0154621
98	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	4.3488E-06
98	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	5.2551E-06
98	12	0	0	1.250807	0	0	0	0.0951711	11.76	0.11904068	0	0.11904068	5.6613E-06
98	13	0	0	1.205128	0	0	0	0.0962497	11.76	0.1159932	0	0.1159932	5.0141E-06
98	14	0	0	1.134012	0	0	0	0.0956626	11.76	0.10848247	0	0.10848247	4.8352E-06
98	15	0	0	1.217678	0	0	0	0.0987978	11.76	0.12030386	0	0.12030386	-9.408E-05
98	16	0	0	1.344403	0	0	0	0.101447	11.76	0.13638568	0	0.13638568	3.749E-06
98	17	0	0	1.612912	0	0	0	0.1273235	11.76	0.20536158	0	0.20536158	4.69E-06
98	18	0	0	1.974388	0	0	0	0.1402528	11.76	0.27691335	0	0.27691335	4.8654E-06
98	19	0	0.096	2.081803	0	0	0	0.1432948	11.76	0.29831147	0	0.29831147	4.5097E-06
98	20	0	0.096	2.158947	0	0	0	0.142568	11.76	0.3077966	0	0.3077966	4.0789E-06
98	21	0	0.096	2.104934	0	0	0	0.1440342	11.76	0.3031826	0	0.3031826	4.945E-06
98	22	0	0.096	1.852688	0	0	0	0.1401851	11.76	0.25971935	0	0.25971935	0.03266876
98	23	0	0.396	1.732962	0	0	0	0.1430238	11.76	0.24785485	0	0.24785485	0.06679759
98	24	0	0.656	1.526863	0	0	0	0.1507699	11.76	0.23020492	0	0.23020492	0.07584053
99	1	0	0.823	1.409104	0	0	0	0.1572737	11.76	0.22161495	0	0.22161495	0.08524415
99	2	0	0.969	1.440898	0	0	0	0.1533511	11.76	0.22096333	0	0.22096333	0.08449737
99	3	0	1.042	1.509426	0	0	0	0.147981	11.76	0.22336639	0	0.22336639	0.08183395
99	4	0	1.104	1.656648	0	0	0	0.1547114	11.76	0.25630242	0	0.25630242	0.08741242
99	5	0	1.032	1.773656	0	0	0	0.1495031	11.76	0.26516714	0	0.26516714	0.07684504
99	6	0	0.926	2.048054	0	0	0	0.1298967	11.76	0.26603534	0	0.26603534	0.05650557

99	7	0	0.886	2.542593	0	0	0	0.1097001	11.76	0.27892271	0	0.27892271	0.0419067
99	8	0	0.422	1.849321	0	0	0	0.0976286	11.76	0.1805467	0	0.1805467	0.0146464
99	9	0	0.24	1.650486	0	0	0	0.0990982	11.76	0.16356023	0	0.16356023	0.00525498
99	10	0	0.098	1.478286	0	0	0	0.0940226	11.76	0.13899223	0	0.13899223	0.00038043
99	11	0	0	1.296271	0	0	0	0.093595	11.76	0.1213245	0	0.1213245	5.244E-06
99	12	0	0	1.251807	0	0	0	0.0951711	11.76	0.11913586	0	0.11913586	5.6613E-06
99	13	0	0	1.206128	0	0	0	0.0962497	11.76	0.11608945	0	0.11608945	-9.124E-05
99	14	0	0	1.135012	0	0	0	0.0956626	11.76	0.10857814	0	0.10857814	-9.083E-05
99	15	0	0	1.217678	0	0	0	0.0987978	11.76	0.12030386	0	0.12030386	-9.408E-05
99	16	0	0	1.343403	0	0	0	0.101447	11.76	0.13628424	0	0.13628424	-9.77E-05
99	17	0	0	1.612912	0	0	0	0.1273235	11.76	0.20536158	0	0.20536158	-0.0001226
99	18	0	0	1.972388	0	0	0	0.1402528	11.76	0.27663285	0	0.27663285	-0.0001354
99	19	0	0	2.030803	0	0	0	0.1432948	11.76	0.29100342	0	0.29100342	-0.0002821
99	20	0	0	2.106946	0	0	0	0.142568	11.76	0.30038306	0	0.30038306	-0.0001385
99	21	0	0	2.052934	0	0	0	0.1440342	11.76	0.29569282	0	0.29569282	-0.0001391
99	22	0	0	1.800688	0	0	0	0.1401851	11.76	0.25242973	0	0.25242973	5.615E-06
99	23	0	0	1.380962	0	0	0	0.1430238	11.76	0.19751045	0	0.19751045	-0.0001376
99	24	0	0	0.915863	0	0	0	0.1507699	11.76	0.13808454	0	0.13808454	-0.0001475
100	1	0	0	0.631104	0	0	0	0.1572737	11.76	0.09925604	0	0.09925604	1.828E-06
100	2	0	0	0.517898	0	0	0	0.1533511	11.76	0.07942027	0	0.07942027	9.1404E-07
100	3	0	0	0.513426	0	0	0	0.147981	11.76	0.07597727	0	0.07597727	0.02027384
100	4	0	0.14	0.692648	0	0	0	0.1547114	11.76	0.10716059	0	0.10716059	0.032954
100	5	0	0.297	1.038656	0	0	0	0.1495031	11.76	0.15528235	0	0.15528235	0.03707721
100	6	0	0.363	1.485053	0	0	0	0.1298967	11.76	0.1929035	0	0.1929035	0.03169533
100	7	0	0.376	2.032593	0	0	0	0.1097001	11.76	0.22297565	0	0.22297565	0.02545167
100	8	0	0.424	1.851321	0	0	0	0.0976286	11.76	0.18074195	0	0.18074195	0.02187092
100	9	0	0.402	1.812486	0	0	0	0.0990982	11.76	0.17961414	0	0.17961414	0.01902965
100	10	0	0.381	1.761286	0	0	0	0.0940226	11.76	0.16560062	0	0.16560062	0.01702243
100	11	0	0.278	1.528271	0	0	0	0.093595	11.76	0.14303854	0	0.14303854	0.0121726
100	12	0	0.095	1.300807	0	0	0	0.0951711	11.76	0.12379925	0	0.12379925	0.00638213
100	13	0	0	1.206128	0	0	0	0.0962497	11.76	0.11608945	0	0.11608945	5.0141E-06
100	14	0	0	1.136012	0	0	0	0.0956626	11.76	0.1086738	0	0.1086738	4.8352E-06
100	15	0	0	1.218678	0	0	0	0.0987978	11.76	0.12040267	0	0.12040267	4.711E-06
100	16	0	0	1.345403	0	0	0	0.101447	11.76	0.13648713	0	0.13648713	3.749E-06
100	17	0	0	1.613912	0	0	0	0.1273235	11.76	0.20548891	0	0.20548891	4.69E-06
100	18	0	0.096	2.024388	0	0	0	0.1402528	11.76	0.283926	0	0.283926	4.8486E-06
100	19	0	0.096	2.082803	0	0	0	0.1432948	11.76	0.29845476	0	0.29845476	4.5097E-06
100	20	0	0.096	2.159946	0	0	0	0.142568	11.76	0.30793916	0	0.30793916	0.0163994
100	21	0	0.294	2.303934	0	0	0	0.1440342	11.76	0.33184544	0	0.33184544	0.0684212
100	22	0	0.595	2.352688	0	0	0	0.1401851	11.76	0.32981191	0	0.32981191	0.07570558
100	23	0	0.847	2.183962	0	0	0	0.1430238	11.76	0.3123586	0	0.3123586	0.08581974
100	24	0	1.022	1.892863	0	0	0	0.1507699	11.76	0.28538668	0	0.28538668	0.09604367
101	1	0	1.119	1.705104	0	0	0	0.1572737	11.76	0.26816795	0	0.26816795	0.10065698
101	2	0	1.165	1.636898	0	0	0	0.1533511	11.76	0.25102015	0	0.25102015	0.09262499
101	3	0	1.223	1.690426	0	0	0	0.147981	11.76	0.25015095	0	0.25015095	0.0939684
101	4	0	1.263	1.815648	0	0	0	0.1547114	11.76	0.28090153	0	0.28090153	0.10056289
101	5	0	1.141	1.882656	0	0	0	0.1495031	11.76	0.28146298	0	0.28146298	0.08118064
101	6	0	1.099	2.221053	0	0	0	0.1298967	11.76	0.28850745	0	0.28850745	0.06377982
101	7	0	1.091	2.747592	0	0	0	0.1097001	11.76	0.30141122	0	0.30141122	0.05167003
101	8	0	1.057	2.484321	0	0	0	0.0976286	11.76	0.24254089	0	0.24254089	0.04208004
101	9	0	0.922	2.332486	0	0	0	0.0990982	11.76	0.23114524	0	0.23114524	0.03577724
101	10	0	0.73	2.110286	0	0	0	0.0940226	11.76	0.1984145	0	0.1984145	0.02586057
101	11	0	0.54	1.790271	0	0	0	0.093595	11.76	0.16756042	0	0.16756042	0.01544843
101	12	0	0	1.251807	0	0	0	0.0951711	11.76	0.11913586	0	0.11913586	5.6613E-06
101	13	0	0.096	1.256128	0	0	0	0.0962497	11.76	0.12090193	0	0.12090193	5.0141E-06
101	14	0	0	1.135012	0	0	0	0.0956626	11.76	0.10857814	0	0.10857814	4.8238E-06
101	15	0	0	1.218678	0	0	0	0.0987978	11.76	0.12040267	0	0.12040267	-9.408E-05
101	16	0	0	1.344403	0	0	0	0.101447	11.76	0.13638568	0	0.13638568	3.749E-06
101	17	0	0	1.612912	0	0	0	0.1273235	11.76	0.20536158	0	0.20536158	4.69E-06
101	18	0	0.096	2.023388	0	0	0	0.1402528	11.76	0.28378572	0	0.28378572	4.8821E-06
101	19	0	0.096	2.081803	0	0	0	0.1432948	11.76	0.29831147	0	0.29831147	-0.0001388
101	20	0	0.096	2.158947	0	0	0	0.142568	11.76	0.3077966	0	0.3077966	4.0789E-06
101	21	0	0.096	2.104934	0	0	0	0.1440342	11.76	0.3031826	0	0.3031826	4.945E-06
101	22	0	0.096	1.852688	0	0	0	0.1401851	11.76	0.25971935	0	0.25971935	5.615E-06
101	23	0	0.293	1.628962	0	0	0	0.1430238	11.76	0.23298036	0	0.23298036	0.04477193
101	24	0	0.631	1.501863	0	0	0	0.1507699	11.76	0.22643568	0	0.22643568	0.06845279
102	1	0	0.797	1.383104	0	0	0	0.1572737	11.76	0.21752583	0	0.21752583	0.07659411
102	2	0	0.985	1.456898	0	0	0	0.1533511	11.76	0.22341696	0	0.22341696	0.0837306
102	3	0	1.047	1.514426	0	0	0	0.147981	11.76	0.22410629	0	0.22410629	0.08109405
102	4	0	1.113	1.665648	0	0	0	0.1547114	11.76	0.25769484	0	0.25769484	0.08741242
102	5	0	1.168	1.909656	0	0	0	0.1495031	11.76	0.28549955	0	0.28549955	0.08731025
102	6	0	1.203	2.325053	0	0	0	0.1298967	11.76	0.30201672	0	0.30201672	0.07261277
102	7	0	0.962	2.618593	0	0	0	0.1097001	11.76	0.28725991	0	0.28725991	0.0473917
102	8	0	0.499	1.926321	0	0	0	0.0976286	11.76	0.18806409	0	0.18806409	0.0183563
102	9	0	0.172	1.582486	0	0	0	0.0990982	11.76	0.15682155	0	0.15682155	0.00287662
102	10	0	0.096	1.476286	0	0	0	0.0940226	11.76	0.13880418	0	0.13880418	4.3601E-06
102	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	5.2551E-06
102	12	0	0	1.250807	0	0	0	0.0951711	11.76	0.11904068	0	0.11904068	5.6613E-06
102	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	5.0141E-06
102	14	0	0	1.133012	0	0	0	0.0956626	11.76	0.10838682	0	0.10838682	-9.083E-05
102	15	0	0	1.216678	0	0	0	0.0987978	11.76	0.12020507	0	0.12020507	-9.408E-05
102	16	0	0	1.342403	0	0	0	0.101447	11.76	0.13618279	0	0.13618279	-9.77E-05
102	17	0	0	1.610912	0	0	0	0.1273235	11.76	0.20510694	0	0.20510694	-0.0061068
102	18	0	0	1.971388	0	0	0	0.1402528	11.76	0.27649259	0	0.27649259	-0.0067273
102	19	0	0	2.028803	0	0	0	0.1432948	11.76	0.29071686	0	0.29071686	-0.0001388
102	20	0	0	2.105947	0	0	0	0.142568	11.76	0.3002405	0	0.3002405	-0.0001385
102	21	0	0	2.051934	0	0	0	0.1440342	11.76	0.29554879	0	0.29554879	-0.0001391
102	22	0	0	1.799688	0	0	0	0.1401851	11.76	0.25228954	0	0.25228954	-0.0001346
102	23	0	0.096	1.428962	0	0	0	0.1430238	11.76	0.20437561	0	0.20437561	5.4559E-06
102	24	0	0.096	0.964863	0	0	0	0.1507699	11.76	0.14547226	0	0.14547226	-0.0001475
103	1	0	0.096	0.680104	0	0	0	0.1572737	11.76	0.10696245	0	0.10696245	1.828E-06
103	2	0	0.096	0.566898	0	0	0	0.1533511	11.76	0.08693447	0	0.08693447	9.049E-07
103	3	0	0.096	0.562426	0	0	0	0.147981	11.76	0.08322834	0	0.08322834	0.00014841
103	4	0	0.096	0.648648	0	0	0	0.1547114	11.76	0.10035329	0	0.10035329	0.0357388
103	5	0	0.139	0.880656	0	0	0	0.1495031	11.76	0.13166086	0	0.13166086	0.05935318
103	6	0	0.282	1.404053	0	0	0	0.1298967	11.76	0.18238188	0	0.18238188	0.05182931
103	7	0	0.186	1.842592	0	0	0	0.1097001	11.76	0.20213262	0	0.20213262	0.02731659
103	8	0	0	1.473321	0	0	0	0.0976286	11.76	0.14383832	0	0.14383832	0.00791002
103	9	0	0	1.456486	0	0	0	0.0990982	11.76	0.14433517	0	0.14433517	2.7762E-06
103	10	0	0	1.425286	0	0	0	0.0940226	11.76	0.13400903	0	0.13400903	4.3601E-06
103	11	0	0	1.294271	0	0	0	0.093595	11.76	0.1211373	0	0.1211373	5.2551E-06
103	12	0	0	1.249807	0	0	0	0.0951711	11.76	0.11894551	0	0.11894551	-8.95E-05
103	13	0	0	1.202128	0	0	0	0.0962497	11.76	0.11570445	0	0.11570445	5.0141E-06
103	14	0	0	1.131012	0	0	0	0.0956626	11.76	0.10819548	0	0.10819548	-0.0044913
103	15	0	0	1.213678	0	0	0	0.0987978	11.76	0.11990868	0	0.11990868	-0.0046388
103	16	0	0	1.294403	0	0	0	0.101447	11.76	0.13131333	0	0.13131333	-9.769E-05
103	17	0	0	1.562912	0	0	0	0.1273235	11.76	0.19899541	0	0.19899541	4.69E-06
103	18	0	0	1.923388	0	0	0	0.1402528	11.76	0.26976046	0	0.26976046	0.00014512
103	19	0	0	1.981803	0	0	0	0.1432948	11.76	0.28398199	0	0.28398199	4.5097E-06
103	20	0	0	2.058946	0	0	0	0.142568	11.76	0.29353978	0	0.29353978	4.0789E-06
103	21	0	0	2.049934	0	0	0	0.1440342	11.76	0.29526071	0	0.29526071	0.000149
103	22	0	0	1.797688	0	0	0	0.1401851	11.76	0.25200917	0	0.25200917	0.00014581
103	23	0	0	1.377962	0	0	0	0.1430238	11.76	0.19708137	0	0.19708137	5.473E-06
103	24	0	0	0.912863	0	0	0	0.1507699	11.76	0.13763222	0	0.13763222	3.2711E-06
104	1	0	0.096	0.678104	0	0	0	0.1572737	11.76	0.1066479	0	0.1066479	0.0001591
104	2	0	0.096	0.564898	0	0	0	0.1533511	11.76	0.08662778	0	0.08662778	0.00015425
104	3	0	0.096	0.561426	0	0	0	0.147981	11.76	0.08308035	0	0.08308035	0.00014842
104	4	0	0.096	0.646648	0	0	0	0.1547114	11.76	0.10004386	0	0.10004386	0.00030989

104	5	0	0.096	0.835656	0	0	0	0.1495031	11.76	0.12493321	0	0.12493321	0.00867161
104	6	0	0.096	1.217053	0	0	0	0.1298967	11.76	0.15809119	0	0.15809119	0.03351389
104	7	0	0	1.701592	0	0	0	0.1097001	11.76	0.1866649	0	0.1866649	0.03664111
104	8	0	0	1.472321	0	0	0	0.0976286	11.76	0.14374069	0	0.14374069	0.03153617
104	9	0	0	1.455486	0	0	0	0.0990982	11.76	0.14423607	0	0.14423607	0.02923677
104	10	0	0	1.425286	0	0	0	0.0940226	11.76	0.13400903	0	0.13400903	9.8376E-05
104	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	9.8843E-05
104	12	0	0	1.250807	0	0	0	0.0951711	11.76	0.11904068	0	0.11904068	5.6613E-06
104	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	5.0141E-06
104	14	0	0	1.133012	0	0	0	0.0956626	11.76	0.10838682	0	0.10838682	4.8238E-06
104	15	0	0	1.215678	0	0	0	0.0987978	11.76	0.12010627	0	0.12010627	4.7228E-06
104	16	0	0	1.342403	0	0	0	0.101447	11.76	0.13618279	0	0.13618279	0.0001052
104	17	0	0	1.611912	0	0	0	0.1273235	11.76	0.20523427	0	0.20523427	4.69E-06
104	18	0	0	1.973388	0	0	0	0.1402528	11.76	0.27677309	0	0.27677309	4.8654E-06
104	19	0	0	2.030803	0	0	0	0.1432948	11.76	0.29100342	0	0.29100342	4.5097E-06
104	20	0	0	2.107946	0	0	0	0.142568	11.76	0.30052562	0	0.30052562	4.0789E-06
104	21	0	0	2.053934	0	0	0	0.1440342	11.76	0.29583687	0	0.29583687	4.945E-06
104	22	0	0	1.801688	0	0	0	0.1401851	11.76	0.25256991	0	0.25256991	5.615E-06
104	23	0	0	1.380962	0	0	0	0.1430238	11.76	0.19751045	0	0.19751045	0.00014849
104	24	0	0.096	0.965863	0	0	0	0.1507699	11.76	0.14562303	0	0.14562303	0.01070793
105	1	0	0.096	0.681104	0	0	0	0.1572737	11.76	0.10711972	0	0.10711972	0.05724944
105	2	0	0.171	0.642898	0	0	0	0.1533511	11.76	0.09858916	0	0.09858916	0.07974348
105	3	0	0.266	0.733426	0	0	0	0.147981	11.76	0.1085331	0	0.1085331	0.0603767
105	4	0	0.388	0.940648	0	0	0	0.1547114	11.76	0.14552903	0	0.14552903	0.06234916
105	5	0	0.412	1.153656	0	0	0	0.1495031	11.76	0.17247521	0	0.17247521	0.05337304
105	6	0	0.444	1.566053	0	0	0	0.1298967	11.76	0.20342513	0	0.20342513	0.04416542
105	7	0	0.358	2.014592	0	0	0	0.1097001	11.76	0.22100103	0	0.22100103	0.02665839
105	8	0	0.189	1.616321	0	0	0	0.0976286	11.76	0.15779922	0	0.15779922	0.01523218
105	9	0	0.163	1.573486	0	0	0	0.0990982	11.76	0.15592966	0	0.15592966	0.01129997
105	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	0.00696203
105	11	0	0	1.296271	0	0	0	0.093595	11.76	0.1213245	0	0.1213245	5.244E-06
105	12	0	0	1.251807	0	0	0	0.0951711	11.76	0.11913586	0	0.11913586	5.6613E-06
105	13	0	0	1.206128	0	0	0	0.0962497	11.76	0.11608945	0	0.11608945	5.0141E-06
105	14	0	0	1.135012	0	0	0	0.0956626	11.76	0.10857814	0	0.10857814	-9.083E-05
105	15	0	0	1.217678	0	0	0	0.0987978	11.76	0.12030386	0	0.12030386	4.7228E-06
105	16	0	0	1.344403	0	0	0	0.101447	11.76	0.13638568	0	0.13638568	3.749E-06
105	17	0	0	1.613912	0	0	0	0.1273235	11.76	0.20548891	0	0.20548891	-0.0001226
105	18	0	0	1.974388	0	0	0	0.1402528	11.76	0.27691335	0	0.27691335	4.8654E-06
105	19	0	0	2.031803	0	0	0	0.1432948	11.76	0.29114671	0	0.29114671	4.5097E-06
105	20	0	0	2.108946	0	0	0	0.142568	11.76	0.30066818	0	0.30066818	4.0789E-06
105	21	0	0	2.054934	0	0	0	0.1440342	11.76	0.2959809	0	0.2959809	4.945E-06
105	22	0	0	1.802688	0	0	0	0.1401851	11.76	0.2527101	0	0.2527101	5.615E-06
105	23	0	0.096	1.431962	0	0	0	0.1430238	11.76	0.20480466	0	0.20480466	0.01473693
105	24	0	0.239	1.109863	0	0	0	0.1507699	11.76	0.1673339	0	0.1673339	0.03543417
106	1	0	0.35	0.936104	0	0	0	0.1572737	11.76	0.14722451	0	0.14722451	0.03963479
106	2	0	0.418	0.889898	0	0	0	0.1533511	11.76	0.13646688	0	0.13646688	0.03833869
106	3	0	0.465	0.932426	0	0	0	0.147981	11.76	0.13798133	0	0.13798133	0.03877147
106	4	0	0.418	0.970648	0	0	0	0.1547114	11.76	0.15017037	0	0.15017037	0.03883303
106	5	0	0.474	1.215656	0	0	0	0.1495031	11.76	0.18174441	0	0.18174441	0.03588118
106	6	0	0.404	1.526053	0	0	0	0.1298967	11.76	0.19822927	0	0.19822927	0.03091596
106	7	0	0.358	2.014592	0	0	0	0.1097001	11.76	0.22100103	0	0.22100103	0.02205098
106	8	0	0.367	1.794321	0	0	0	0.0976286	11.76	0.17517711	0	0.17517711	0.0197231
106	9	0	0.323	1.733486	0	0	0	0.0990982	11.76	0.17178539	0	0.17178539	0.01734496
106	10	0	0.295	1.675286	0	0	0	0.0940226	11.76	0.15751468	0	0.15751468	0.0135436
106	11	0	0.142	1.392271	0	0	0	0.093595	11.76	0.13030962	0	0.13030962	0.00693128
106	12	0	0	1.251807	0	0	0	0.0951711	11.76	0.11913586	0	0.11913586	5.6613E-06
106	13	0	0	1.206128	0	0	0	0.0962497	11.76	0.11608945	0	0.11608945	5.0141E-06
106	14	0	0	1.135012	0	0	0	0.0956626	11.76	0.10857814	0	0.10857814	4.8238E-06
106	15	0	0	1.218678	0	0	0	0.0987978	11.76	0.12040267	0	0.12040267	4.711E-06
106	16	0	0	1.345403	0	0	0	0.101447	11.76	0.13648713	0	0.13648713	3.749E-06
106	17	0	0	1.613912	0	0	0	0.1273235	11.76	0.20548891	0	0.20548891	4.69E-06
106	18	0	0	1.975388	0	0	0	0.1402528	11.76	0.27705361	0	0.27705361	4.8654E-06
106	19	0	0.096	2.082803	0	0	0	0.1432948	11.76	0.29845476	0	0.29845476	4.5097E-06
106	20	0	0.096	2.159946	0	0	0	0.142568	11.76	0.30793916	0	0.30793916	4.0789E-06
106	21	0	0.096	2.105934	0	0	0	0.1440342	11.76	0.30332663	0	0.30332663	0.01426433
106	22	0	0.282	2.039688	0	0	0	0.1401851	11.76	0.28593397	0	0.28593397	0.03042579
106	23	0	0.445	1.781962	0	0	0	0.1430238	11.76	0.25486301	0	0.25486301	0.03647657
106	24	0	0.618	1.488863	0	0	0	0.1507699	11.76	0.22447567	0	0.22447567	0.04734501
107	1	0	0.769	1.355104	0	0	0	0.1572737	11.76	0.21312217	0	0.21312217	0.05882218
107	2	0	0.817	1.288898	0	0	0	0.1533511	11.76	0.19765397	0	0.19765397	0.0570475
107	3	0	0.917	1.384426	0	0	0	0.147981	11.76	0.20486874	0	0.20486874	0.05919287
107	4	0	0.941	1.493648	0	0	0	0.1547114	11.76	0.23108444	0	0.23108444	0.06188507
107	5	0	0.911	1.652656	0	0	0	0.1495031	11.76	0.24707726	0	0.24707726	0.05711063
107	6	0	0.893	2.015054	0	0	0	0.1298967	11.76	0.26174875	0	0.26174875	0.04806228
107	7	0	0.892	2.548593	0	0	0	0.1097001	11.76	0.27958091	0	0.27958091	0.03740898
107	8	0	0.926	2.353321	0	0	0	0.0976286	11.76	0.22975153	0	0.22975153	0.03573417
107	9	0	0.548	1.958486	0	0	0	0.0990982	11.76	0.19408249	0	0.19408249	0.01764227
107	10	0	0.379	1.759286	0	0	0	0.0940226	11.76	0.16541257	0	0.16541257	0.00903053
107	11	0	0.187	1.437271	0	0	0	0.093595	11.76	0.1345214	0	0.1345214	0.00047322
107	12	0	0.138	1.343807	0	0	0	0.0951711	11.76	0.1278916	0	0.1278916	-0.0039915
107	13	0	0.148	1.308128	0	0	0	0.0962497	11.76	0.12590692	0	0.12590692	-0.0009575
107	14	0	0.096	1.186012	0	0	0	0.0956626	11.76	0.11345693	0	0.11345693	4.8238E-06
107	15	0	0.096	1.268678	0	0	0	0.0987978	11.76	0.12534255	0	0.12534255	4.7228E-06
107	16	0	0	1.346403	0	0	0	0.101447	11.76	0.13658858	0	0.13658858	3.749E-06
107	17	0	0.096	1.664912	0	0	0	0.1273235	11.76	0.21198241	0	0.21198241	4.69E-06
107	18	0	0.096	2.025388	0	0	0	0.1402528	11.76	0.28406624	0	0.28406624	4.8821E-06
107	19	0	0.265	2.252803	0	0	0	0.1432948	11.76	0.32281488	0	0.32281488	0.01533703
107	20	0	0.429	2.493947	0	0	0	0.142568	11.76	0.35555687	0	0.35555687	0.02951565
107	21	0	0.632	2.641934	0	0	0	0.1440342	11.76	0.38052898	0	0.38052898	0.05185729
107	22	0	0.816	2.573688	0	0	0	0.1401851	11.76	0.36079282	0	0.36079282	0.05523856
107	23	0	0.978	2.314962	0	0	0	0.1430238	11.76	0.33109473	0	0.33109473	0.06479526
107	24	0	1.109	1.979863	0	0	0	0.1507699	11.76	0.29850366	0	0.29850366	0.07614207
108	1	0	1.23	1.816104	0	0	0	0.1572737	11.76	0.28562534	0	0.28562534	0.08760324
108	2	0	1.276	1.747898	0	0	0	0.1533511	11.76	0.26804211	0	0.26804211	0.08357726
108	3	0	1.352	1.819426	0	0	0	0.147981	11.76	0.2692405	0	0.2692405	0.08420165
108	4	0	1.432	1.984648	0	0	0	0.1547114	11.76	0.30704775	0	0.30704775	0.09267263
108	5	0	1.354	2.095656	0	0	0	0.1495031	11.76	0.31330713	0	0.31330713	0.08566574
108	6	0	1.311	2.433053	0	0	0	0.1298967	11.76	0.31604556	0	0.31604556	0.06962515
108	7	0	1.244	2.900592	0	0	0	0.1097001	11.76	0.31819533	0	0.31819533	0.05375434
108	8	0	1.136	2.563321	0	0	0	0.0976286	11.76	0.25025355	0	0.25025355	0.04110378
108	9	0	0.994	2.404486	0	0	0	0.0990982	11.76	0.23828031	0	0.23828031	0.03260611
108	10	0	0.695	2.075286	0	0	0	0.0940226	11.76	0.1951237	0	0.1951237	0.01645832
108	11	0	0.143	1.393271	0	0	0	0.093595	11.76	0.13040322	0	0.13040322	-0.0043937
108	12	0	0.096	1.301807	0	0	0	0.0951711	11.76	0.12389441	0	0.12389441	5.6726E-06
108	13	0	0	1.205128	0	0	0	0.0962497	11.76	0.1159932	0	0.1159932	5.0141E-06
108	14	0	0	1.134012	0	0	0	0.0956626	11.76	0.10848247	0	0.10848247	4.8352E-06
108	15	0	0.096	1.267678	0	0	0	0.0987978	11.76	0.12524376	0	0.12524376	-9.408E-05
108	16	0	0.096	1.393403	0	0	0	0.101447	11.76	0.14135659	0	0.14135659	3.749E-06
108	17	0	0.096	1.662912	0	0	0	0.1273235	11.76	0.21172777	0	0.21172777	4.69E-06
108	18	0	0.096	2.024388	0	0	0	0.1402528	11.76	0.283926	0	0.283926	4.8486E-06
108	19	0	0.096	2.082803	0	0	0	0.1432948	11.76	0.29845476	0	0.29845476	-0.0001388
108	20	0	0.096	2.159946	0	0	0	0.142568	11.76	0.30793916	0	0.30793916	-0.0001385
108	21	0	0.096	2.105934	0	0	0	0.1440342	11.76	0.30332663	0	0.30332663	4.945E-06
108	22	0	0.406	2.163688	0	0	0	0.1401851	11.76	0.30331694	0	0.30331694	0.03883689
108	23	0	0.717	2.053962	0	0	0	0.1430238	11.76	0.29376549	0	0.29376549	0.06279294
108	24	0	0.894	1.764863	0	0	0	0.1507699	11.76	0.26608815	0	0.26608815	0.07568976
109	1	0	1.086	1.672104	0	0	0	0.1572737	11.76	0.26297792	0	0.26297792	0.09216422
109	2	0	1.159	1.630898	0	0	0	0.1533511	11.76	0.25010005	0	0.25010005	0.08771773

109	3	0	1.264	1.731426	0	0	0	0.147981	11.76	0.25621818	0	0.25621818	0.08923301
109	4	0	1.401	1.953648	0	0	0	0.1547114	11.76	0.30225171	0	0.30225171	0.09978936
109	5	0	1.431	2.172656	0	0	0	0.1495031	11.76	0.32481889	0	0.32481889	0.09702794
109	6	0	1.315	2.437053	0	0	0	0.1298967	11.76	0.31656514	0	0.31656514	0.07611997
109	7	0	0.841	2.497592	0	0	0	0.1097001	11.76	0.27398619	0	0.27398619	0.03686049
109	8	0	0.392	1.819321	0	0	0	0.0976286	11.76	0.17761784	0	0.17761784	0.0091792
109	9	0	0.096	1.506486	0	0	0	0.0990982	11.76	0.14929008	0	0.14929008	2.7762E-06
109	10	0	0.096	1.476286	0	0	0	0.0940226	11.76	0.13880418	0	0.13880418	4.3601E-06
109	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	-8.834E-05
109	12	0	0	1.250807	0	0	0	0.0951711	11.76	0.11904068	0	0.11904068	-8.95E-05
109	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	-9.123E-05
109	14	0	0	1.133012	0	0	0	0.0956626	11.76	0.10838682	0	0.10838682	-9.083E-05
109	15	0	0	1.215678	0	0	0	0.0987978	11.76	0.12010627	0	0.12010627	-9.408E-05
109	16	0	0	1.342403	0	0	0	0.101447	11.76	0.13618279	0	0.13618279	-0.0048657
109	17	0	0	1.610912	0	0	0	0.1273235	11.76	0.20510694	0	0.20510694	-0.0061068
109	18	0	0	1.971388	0	0	0	0.1402528	11.76	0.27649259	0	0.27649259	-0.0067273
109	19	0	0.096	2.078803	0	0	0	0.1432948	11.76	0.29788159	0	0.29788159	-0.0001388
109	20	0	0.096	2.155946	0	0	0	0.142568	11.76	0.30736889	0	0.30736889	-0.0001385
109	21	0	0.096	2.101934	0	0	0	0.1440342	11.76	0.3027505	0	0.3027505	-0.0001391
109	22	0	0.096	1.849688	0	0	0	0.1401851	11.76	0.25929881	0	0.25929881	5.615E-06
109	23	0	0.096	1.429962	0	0	0	0.1430238	11.76	0.20451862	0	0.20451862	-0.0001376
109	24	0	0.096	0.964863	0	0	0	0.1507699	11.76	0.14547226	0	0.14547226	3.2711E-06
110	1	0	0.096	0.680104	0	0	0	0.1572737	11.76	0.10696245	0	0.10696245	0.0001591
110	2	0	0.096	0.567898	0	0	0	0.1533511	11.76	0.08708782	0	0.08708782	0.07376278
110	3	0	0.376	0.843426	0	0	0	0.147981	11.76	0.12481101	0	0.12481101	0.10003561
110	4	0	0.618	1.170648	0	0	0	0.1547114	11.76	0.18111265	0	0.18111265	0.10443069
110	5	0	0.827	1.568656	0	0	0	0.1495031	11.76	0.234519	0	0.234519	0.10554964
110	6	0	0.749	1.871053	0	0	0	0.1298967	11.76	0.24304362	0	0.24304362	0.07495093
110	7	0	0.476	2.132592	0	0	0	0.1097001	11.76	0.23394565	0	0.23394565	0.0415776
110	8	0	0.096	1.523321	0	0	0	0.0976286	11.76	0.14871975	0	0.14871975	0.00605509
110	9	0	0.096	1.506486	0	0	0	0.0990982	11.76	0.14929008	0	0.14929008	2.7762E-06
110	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	-8.967E-05
110	11	0	0	1.294271	0	0	0	0.093595	11.76	0.1211373	0	0.1211373	5.2551E-06
110	12	0	0	1.249807	0	0	0	0.0951711	11.76	0.11894551	0	0.11894551	5.6726E-06
110	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	-9.123E-05
110	14	0	0	1.133012	0	0	0	0.0956626	11.76	0.10838682	0	0.10838682	-9.083E-05
110	15	0	0	1.215678	0	0	0	0.0987978	11.76	0.12010627	0	0.12010627	-9.408E-05
110	16	0	0	1.342403	0	0	0	0.101447	11.76	0.13618279	0	0.13618279	-9.77E-05
110	17	0	0	1.610912	0	0	0	0.1273235	11.76	0.20510694	0	0.20510694	-0.0059795
110	18	0	0	1.971388	0	0	0	0.1402528	11.76	0.27649259	0	0.27649259	-0.0067273
110	19	0	0	2.028803	0	0	0	0.1432948	11.76	0.29071686	0	0.29071686	-0.0001388
110	20	0	0	2.105947	0	0	0	0.142568	11.76	0.3002405	0	0.3002405	-0.0001385
110	21	0	0.096	2.101934	0	0	0	0.1440342	11.76	0.3027505	0	0.3027505	-0.0001391
110	22	0	0.096	1.849688	0	0	0	0.1401851	11.76	0.25929881	0	0.25929881	5.615E-06
110	23	0	0.096	1.428962	0	0	0	0.1430238	11.76	0.20437561	0	0.20437561	5.4559E-06
110	24	0	0.096	0.964863	0	0	0	0.1507699	11.76	0.14547226	0	0.14547226	3.2711E-06
111	1	0	0.096	0.680104	0	0	0	0.1572737	11.76	0.10696245	0	0.10696245	1.828E-06
111	2	0	0.096	0.566898	0	0	0	0.1533511	11.76	0.08693447	0	0.08693447	9.049E-07
111	3	0	0.096	0.563426	0	0	0	0.147981	11.76	0.08337632	0	0.08337632	0.05371755
111	4	0	0.17	0.722648	0	0	0	0.1547114	11.76	0.11180194	0	0.11180194	0.09066136
111	5	0	0.355	1.096656	0	0	0	0.1495031	11.76	0.16395352	0	0.16395352	0.08357269
111	6	0	0.422	1.544053	0	0	0	0.1298967	11.76	0.20056741	0	0.20056741	0.06235095
111	7	0	0.308	1.964592	0	0	0	0.1097001	11.76	0.21551603	0	0.21551603	0.03554408
111	8	0	0.128	1.555321	0	0	0	0.0976286	11.76	0.15184387	0	0.15184387	0.01562269
111	9	0	0	1.456486	0	0	0	0.0990982	11.76	0.14433517	0	0.14433517	2.7762E-06
111	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	4.3488E-06
111	11	0	0	1.294271	0	0	0	0.093595	11.76	0.1211373	0	0.1211373	5.2551E-06
111	12	0	0	1.249807	0	0	0	0.0951711	11.76	0.11894551	0	0.11894551	5.6726E-06
111	13	0	0	1.203128	0	0	0	0.0962497	11.76	0.1158007	0	0.1158007	-9.124E-05
111	14	0	0	1.132012	0	0	0	0.0956626	11.76	0.10829115	0	0.10829115	-9.083E-05
111	15	0	0	1.214678	0	0	0	0.0987978	11.76	0.12000747	0	0.12000747	-9.408E-05
111	16	0	0	1.341403	0	0	0	0.101447	11.76	0.13608134	0	0.13608134	-9.769E-05
111	17	0	0	1.609912	0	0	0	0.1273235	11.76	0.20497962	0	0.20497962	-0.0001226
111	18	0	0	1.971388	0	0	0	0.1402528	11.76	0.27649259	0	0.27649259	-0.0001354
111	19	0	0	2.028803	0	0	0	0.1432948	11.76	0.29071686	0	0.29071686	-0.0001388
111	20	0	0	2.105947	0	0	0	0.142568	11.76	0.3002405	0	0.3002405	-0.0001385
111	21	0	0	2.051934	0	0	0	0.1440342	11.76	0.29554879	0	0.29554879	4.945E-06
111	22	0	0.096	1.850688	0	0	0	0.1401851	11.76	0.25943898	0	0.25943898	-0.0001346
111	23	0	0.096	1.429962	0	0	0	0.1430238	11.76	0.20451862	0	0.20451862	5.473E-06
111	24	0	0.096	0.964863	0	0	0	0.1507699	11.76	0.14547226	0	0.14547226	3.2711E-06
112	1	0	0.096	0.680104	0	0	0	0.1572737	11.76	0.10696245	0	0.10696245	0.0001591
112	2	0	0.096	0.566898	0	0	0	0.1533511	11.76	0.08693447	0	0.08693447	0.04309257
112	3	0	0.096	0.563426	0	0	0	0.147981	11.76	0.08337632	0	0.08337632	0.09041685
112	4	0	0.328	0.880648	0	0	0	0.1547114	11.76	0.13624634	0	0.13624634	0.08230694
112	5	0	0.479	1.220656	0	0	0	0.1495031	11.76	0.1824919	0	0.1824919	0.07923709
112	6	0	0.495	1.617054	0	0	0	0.1298967	11.76	0.21004988	0	0.21004988	0.0594932
112	7	0	0.338	1.994592	0	0	0	0.1097001	11.76	0.21880703	0	0.21880703	0.03499559
112	8	0	0.139	1.566321	0	0	0	0.0976286	11.76	0.15291779	0	0.15291779	0.01845392
112	9	0	0.142	1.552486	0	0	0	0.0990982	11.76	0.1538486	0	0.1538486	0.01367834
112	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	4.3488E-06
112	11	0	0	1.296271	0	0	0	0.093595	11.76	0.1213245	0	0.1213245	5.244E-06
112	12	0	0	1.251807	0	0	0	0.0951711	11.76	0.11913586	0	0.11913586	5.6613E-06
112	13	0	0	1.205128	0	0	0	0.0962497	11.76	0.1159932	0	0.1159932	5.0141E-06
112	14	0	0	1.135012	0	0	0	0.0956626	11.76	0.10857814	0	0.10857814	4.8238E-06
112	15	0	0	1.217678	0	0	0	0.0987978	11.76	0.12030386	0	0.12030386	4.7228E-06
112	16	0	0	1.345403	0	0	0	0.101447	11.76	0.13648713	0	0.13648713	-9.77E-05
112	17	0	0	1.613912	0	0	0	0.1273235	11.76	0.20548891	0	0.20548891	4.69E-06
112	18	0	0	1.974388	0	0	0	0.1402528	11.76	0.27691335	0	0.27691335	4.8654E-06
112	19	0	0	2.032803	0	0	0	0.1432948	11.76	0.29129003	0	0.29129003	4.5097E-06
112	20	0	0	2.108946	0	0	0	0.142568	11.76	0.30066818	0	0.30066818	4.0789E-06
112	21	0	0	2.054934	0	0	0	0.1440342	11.76	0.2959809	0	0.2959809	4.945E-06
112	22	0	0.096	1.852688	0	0	0	0.1401851	11.76	0.25971935	0	0.25971935	5.615E-06
112	23	0	0	1.382962	0	0	0	0.1430238	11.76	0.19779651	0	0.19779651	0.02589277
112	24	0	0.236	1.106863	0	0	0	0.1507699	11.76	0.16688159	0	0.16688159	0.03181571
113	1	0	0.496	1.082104	0	0	0	0.1572737	11.76	0.17018646	0	0.17018646	0.04403846
113	2	0	0.645	1.116898	0	0	0	0.1533511	11.76	0.17127758	0	0.17127758	0.05122016
113	3	0	0.573	1.040426	0	0	0	0.147981	11.76	0.15396328	0	0.15396328	0.04099118
113	4	0	0.651	1.203648	0	0	0	0.1547114	11.76	0.18621813	0	0.18621813	0.04749688
113	5	0	0.62	1.361656	0	0	0	0.1495031	11.76	0.20357185	0	0.20357185	0.0405158
113	6	0	0.616	1.738053	0	0	0	0.1298967	11.76	0.22576736	0	0.22576736	0.03429326
113	7	0	0.544	2.200593	0	0	0	0.1097001	11.76	0.24140526	0	0.24140526	0.02391587
113	8	0	0.433	1.860321	0	0	0	0.0976286	11.76	0.1816206	0	0.1816206	0.0146464
113	9	0	0	1.456486	0	0	0	0.0990982	11.76	0.14433517	0	0.14433517	2.7762E-06
113	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	4.3488E-06
113	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	5.2551E-06
113	12	0	0	1.250807	0	0	0	0.0951711	11.76	0.11904068	0	0.11904068	-8.95E-05
113	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	-9.123E-05
113	14	0	0	1.133012	0	0	0	0.0956626	11.76	0.10838682	0	0.10838682	-9.083E-05
113	15	0	0	1.215678	0	0	0	0.0987978	11.76	0.12010627	0	0.12010627	-9.408E-05
113	16	0	0	1.341403	0	0	0	0.101447	11.76	0.13608134	0	0.13608134	-0.0047643
113	17	0	0	1.609912	0	0	0	0.1273235	11.76	0.20497962	0	0.20497962	-0.0059795
113	18	0	0	1.970388	0	0	0	0.1402528	11.76	0.27635233	0	0.27635233	-0.0064467
113	19	0	0	2.027803	0	0	0	0.1432948	11.76	0.29057354	0	0.29057354	-0.006587
113	20	0	0	2.104946	0	0	0	0.142568	11.76	0.30009791	0	0.30009791	4.0789E-06
113	21	0	0.096	2.100934	0	0	0	0.1440342	11.76	0.30260647	0	0.30260647	4.945E-06
113	22	0	0.096	1.849688	0	0	0	0.1401851	11.76	0.25929881	0	0.25929881	-0.0001346
113	23	0	0.096	1.428962	0	0	0	0.1430238	11.76	0.20437561	0	0.20437561	5.4559E-06
113	24	0	0.096	0.963863	0	0	0	0.1507699	11.76	0.14532149	0	0.14532149	0.00015404

114	1	0	0.096	0.680104	0	0	0	0.1572737	11.76	0.10696245	0	0.10696245	1.828E-06
114	2	0	0.096	0.566898	0	0	0	0.1533511	11.76	0.08693447	0	0.08693447	0.04692634
114	3	0	0.096	0.563426	0	0	0	0.147981	11.76	0.08337632	0	0.08337632	0.12060498
114	4	0	0.328	0.880648	0	0	0	0.1547114	11.76	0.13624634	0	0.13624634	0.133207
114	5	0	0.575	1.316656	0	0	0	0.1495031	11.76	0.19684421	0	0.19684421	0.11945341
114	6	0	0.672	1.794053	0	0	0	0.1298967	11.76	0.23304158	0	0.23304158	0.09378593
114	7	0	0.51	2.166593	0	0	0	0.1097001	11.76	0.23767547	0	0.23767547	0.05770352
114	8	0	0.214	1.641321	0	0	0	0.0976286	11.76	0.16023993	0	0.16023993	0.02538555
114	9	0	0.096	1.506486	0	0	0	0.0990982	11.76	0.14929008	0	0.14929008	2.7762E-06
114	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	4.3488E-06
114	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	-8.834E-05
114	12	0	0	1.250807	0	0	0	0.0951711	11.76	0.11904068	0	0.11904068	-8.95E-05
114	13	0	0	1.204128	0	0	0	0.0962497	11.76	0.11589694	0	0.11589694	-9.123E-05
114	14	0	0	1.133012	0	0	0	0.0956626	11.76	0.10838682	0	0.10838682	-9.083E-05
114	15	0	0	1.215678	0	0	0	0.0987978	11.76	0.12010627	0	0.12010627	-9.408E-05
114	16	0	0	1.341403	0	0	0	0.101447	11.76	0.13608134	0	0.13608134	-0.0047643
114	17	0	0	1.609912	0	0	0	0.1273235	11.76	0.20497962	0	0.20497962	-0.0058522
114	18	0	0	1.970388	0	0	0	0.1402528	11.76	0.27635233	0	0.27635233	-0.0064467
114	19	0	0	2.027803	0	0	0	0.1432948	11.76	0.29057354	0	0.29057354	-0.0064437
114	20	0	0.096	2.154946	0	0	0	0.142568	11.76	0.3072263	0	0.3072263	0.00014667
114	21	0	0.096	2.100934	0	0	0	0.1440342	11.76	0.30260647	0	0.30260647	0.00014897
114	22	0	0.096	1.849688	0	0	0	0.1401851	11.76	0.25929881	0	0.25929881	5.615E-06
114	23	0	0.096	1.428962	0	0	0	0.1430238	11.76	0.20437561	0	0.20437561	0.00014849
114	24	0	0.096	0.963863	0	0	0	0.1507699	11.76	0.14532149	0	0.14532149	0.00015404
115	1	0	0.096	0.680104	0	0	0	0.1572737	11.76	0.10696245	0	0.10696245	0.0001591
115	2	0	0.096	0.566898	0	0	0	0.1533511	11.76	0.08693447	0	0.08693447	0.05321374
115	3	0	0.096	0.562426	0	0	0	0.147981	11.76	0.08322834	0	0.08322834	0.09219263
115	4	0	0.096	0.648648	0	0	0	0.1547114	11.76	0.10035329	0	0.10035329	0.13506353
115	5	0	0.434	1.175656	0	0	0	0.1495031	11.76	0.17576427	0	0.17576427	0.12513454
115	6	0	0.432	1.554053	0	0	0	0.1298967	11.76	0.20186637	0	0.20186637	0.08846018
115	7	0	0.149	1.805593	0	0	0	0.1097001	11.76	0.19807372	0	0.19807372	0.0382866
115	8	0	0.096	1.523321	0	0	0	0.0976286	11.76	0.14871975	0	0.14871975	2.1065E-06
115	9	0	0	1.456486	0	0	0	0.0990982	11.76	0.14433517	0	0.14433517	2.7762E-06
115	10	0	0	1.425286	0	0	0	0.0940226	11.76	0.13400903	0	0.13400903	4.3601E-06
115	11	0	0	1.294271	0	0	0	0.093595	11.76	0.1211373	0	0.1211373	5.2551E-06
115	12	0	0	1.249807	0	0	0	0.0951711	11.76	0.11894551	0	0.11894551	-8.95E-05
115	13	0	0	1.202128	0	0	0	0.0962497	11.76	0.11570445	0	0.11570445	5.0141E-06
115	14	0	0	1.131012	0	0	0	0.0956626	11.76	0.10819548	0	0.10819548	-0.0043956
115	15	0	0	1.213678	0	0	0	0.0987978	11.76	0.11990868	0	0.11990868	-0.00454
115	16	0	0	1.294403	0	0	0	0.101447	11.76	0.13131333	0	0.13131333	0.00010519
115	17	0	0	1.562912	0	0	0	0.1273235	11.76	0.19899541	0	0.19899541	0.00013202
115	18	0	0	1.923388	0	0	0	0.1402528	11.76	0.26976046	0	0.26976046	0.00028537
115	19	0	0	1.981803	0	0	0	0.1432948	11.76	0.28398199	0	0.28398199	0.0002911
115	20	0	0	2.058946	0	0	0	0.142568	11.76	0.29353978	0	0.29353978	0.00028923
115	21	0	0.096	2.100934	0	0	0	0.1440342	11.76	0.30260647	0	0.30260647	0.00014897
115	22	0	0	1.798688	0	0	0	0.1401851	11.76	0.25214937	0	0.25214937	0.00014579
115	23	0	0	1.377962	0	0	0	0.1430238	11.76	0.19708137	0	0.19708137	0.00029152
115	24	0	0.096	0.963863	0	0	0	0.1507699	11.76	0.14532149	0	0.14532149	0.00015404
116	1	0	0.096	0.679104	0	0	0	0.1572737	11.76	0.10680517	0	0.10680517	0.00031638
116	2	0	0.096	0.565898	0	0	0	0.1533511	11.76	0.08678112	0	0.08678112	0.0269907
116	3	0	0.096	0.562426	0	0	0	0.147981	11.76	0.08322834	0	0.08322834	0.07665462
116	4	0	0.096	0.647648	0	0	0	0.1547114	11.76	0.10019857	0	0.10019857	0.11556992
116	5	0	0.096	0.837656	0	0	0	0.1495031	11.76	0.12523222	0	0.12523222	0.12378903
116	6	0	0.096	1.218053	0	0	0	0.1298967	11.76	0.1582211	0	0.1582211	0.08352409
116	7	0	0.096	1.752592	0	0	0	0.1097001	11.76	0.1922596	0	0.1922596	0.01349437
116	8	0	0	1.472321	0	0	0	0.0976286	11.76	0.14374069	0	0.14374069	9.974E-05
116	9	0	0	1.455486	0	0	0	0.0990982	11.76	0.14423607	0	0.14423607	0.00010188
116	10	0	0	1.424286	0	0	0	0.0940226	11.76	0.133915	0	0.133915	4.3601E-06
116	11	0	0	1.292271	0	0	0	0.093595	11.76	0.12095012	0	0.12095012	-0.0042065
116	12	0	0	1.201807	0	0	0	0.0951711	11.76	0.1143773	0	0.1143773	5.6726E-06
116	13	0	0	1.155128	0	0	0	0.0962497	11.76	0.11118071	0	0.11118071	0.00010127
116	14	0	0	1.085012	0	0	0	0.0956626	11.76	0.10379502	0	0.10379502	0.03846119
116	15	0.593	0	1.760678	0	0	0	0.0987978	11.76	0.17395106	0	0.17395106	0.04594566
116	16	0.862	0	2.155403	0	0	0	0.101447	11.76	0.21865924	0	0.21865924	0.05711843
116	17	1.043	0	2.605912	0	0	0	0.1273235	11.76	0.3317938	0	0.3317938	0.07385231
116	18	0	0	1.923388	0	0	0	0.1402528	11.76	0.26976046	0	0.26976046	4.8654E-06
116	19	0	0	1.982803	0	0	0	0.1432948	11.76	0.28412529	0	0.28412529	-0.0001388
116	20	0	0	2.061946	0	0	0	0.142568	11.76	0.29396749	0	0.29396749	4.0789E-06
116	21	0	0	2.007934	0	0	0	0.1440342	11.76	0.2892113	0	0.2892113	4.945E-06
116	22	0	0	1.755688	0	0	0	0.1401851	11.76	0.24612141	0	0.24612141	-0.0001346
116	23	0	0	1.334962	0	0	0	0.1430238	11.76	0.19093137	0	0.19093137	-0.0001376
116	24	0	0	0.868863	0	0	0	0.1507699	11.76	0.13099835	0	0.13099835	0.00693869
117	1	0	0	0.584104	0	0	0	0.1572737	11.76	0.09186418	0	0.09186418	0.00723642
117	2	0	0	0.470898	0	0	0	0.1533511	11.76	0.07221277	0	0.07221277	0.00705507
117	3	0	0	0.512426	0	0	0	0.147981	11.76	0.07582929	0	0.07582929	4.322E-07
117	4	0	0	0.597648	0	0	0	0.1547114	11.76	0.09246301	0	0.09246301	0.00015517
117	5	0	0.096	0.836656	0	0	0	0.1495031	11.76	0.12508271	0	0.12508271	0.02900405
117	6	0	0	1.168053	0	0	0	0.1298967	11.76	0.15172625	0	0.15172625	0.01260052
117	7	0	0	1.655592	0	0	0	0.1097001	11.76	0.18161869	0	0.18161869	0.00515717
117	8	0	0	1.426321	0	0	0	0.0976286	11.76	0.13924977	0	0.13924977	0.00459066
117	9	0	0	1.409486	0	0	0	0.0990982	11.76	0.13967755	0	0.13967755	2.788E-06
117	10	0	0	1.379286	0	0	0	0.0940226	11.76	0.129684	0	0.129684	-8.968E-05
117	11	0	0	1.294271	0	0	0	0.093595	11.76	0.1211373	0	0.1211373	5.2551E-06
117	12	0	0	1.247807	0	0	0	0.0951711	11.76	0.11875517	0	0.11875517	0.01399582
117	13	0.152	0	1.307128	0	0	0	0.0962497	11.76	0.12581067	0	0.12581067	0.06834231
117	14	0.605	0	1.688012	0	0	0	0.0956626	11.76	0.16147954	0	0.16147954	0.06821226
117	15	0.982	0	2.148678	0	0	0	0.0987978	11.76	0.2122846	0	0.2122846	0.07449822
117	16	1.153	0	2.446403	0	0	0	0.101447	11.76	0.24818031	0	0.24818031	0.07111812
117	17	1.242	0	2.804912	0	0	0	0.1273235	11.76	0.35713115	0	0.35713115	0.08352889
117	18	1.232	0	3.155388	0	0	0	0.1402528	11.76	0.44255188	0	0.44255188	0.08079044
117	19	0	0	1.981803	0	0	0	0.1432948	11.76	0.28398199	0	0.28398199	4.5097E-06
117	20	0	0	2.059947	0	0	0	0.142568	11.76	0.29368238	0	0.29368238	4.0789E-06
117	21	0	0	2.007934	0	0	0	0.1440342	11.76	0.2892113	0	0.2892113	0.00014897
117	22	0	0	1.756688	0	0	0	0.1401851	11.76	0.24626158	0	0.24626158	5.615E-06
117	23	0	0	1.335962	0	0	0	0.1430238	11.76	0.19107438	0	0.19107438	5.4559E-06
117	24	0	0	0.869863	0	0	0	0.1507699	11.76	0.13114912	0	0.13114912	3.2711E-06
118	1	0	0	0.585104	0	0	0	0.1572737	11.76	0.09202145	0	0.09202145	1.828E-06
118	2	0	0	0.470898	0	0	0	0.1533511	11.76	0.07221277	0	0.07221277	0.00705507
118	3	0	0	0.512426	0	0	0	0.147981	11.76	0.07582929	0	0.07582929	0.00014841
118	4	0	0	0.597648	0	0	0	0.1547114	11.76	0.09246301	0	0.09246301	0.00696247
118	5	0	0	0.786656	0	0	0	0.1495031	11.76	0.11760756	0	0.11760756	0.02362193
118	6	0	0	1.168053	0	0	0	0.1298967	11.76	0.15172625	0	0.15172625	0.02273245
118	7	0	0	1.701592	0	0	0	0.1097001	11.76	0.1866649	0	0.1866649	0.00011096
118	8	0	0	1.472321	0	0	0	0.0976286	11.76	0.14374069	0	0.14374069	9.974E-05
118	9	0	0	1.455486	0	0	0	0.0990982	11.76	0.14423607	0	0.14423607	0.00010188
118	10	0	0	1.425286	0	0	0	0.0940226	11.76	0.13400903	0	0.13400903	9.8376E-05
118	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	9.8843E-05
118	12	0	0	1.204807	0	0	0	0.0951711	11.76	0.11466281	0	0.11466281	0.00447871
118	13	0	0	1.159128	0	0	0	0.0962497	11.76	0.11156571	0	0.11156571	5.0141E-06
118	14	0	0	1.088012	0	0	0	0.0956626	11.76	0.10408201	0	0.10408201	4.8238E-06
118	15	0	0	1.171678	0	0	0	0.0987978	11.76	0.11575917	0	0.11575917	4.7228E-06
118	16	0	0	1.299403	0	0	0	0.101447	11.76	0.13182057	0	0.13182057	3.749E-06
118	17	0	0	1.567912	0	0	0	0.1273235	11.76	0.19963203	0	0.19963203	4.69E-06
118	18	0	0	1.929388	0	0	0	0.1402528	11.76	0.27060198	0	0.27060198	4.8654E-06
118	19	0	0	1.986803	0	0	0	0.1432948	11.76	0.28469847	0	0.28469847	4.5097E-06
118	20	0	0	2.063946	0	0	0	0.142568	11.76	0.29425264	0	0.29425264	4.0789E-06
118	21	0	0	2.008934	0	0	0	0.1440342	11.76	0.28935532	0	0.28935532	4.945E-06
118	22	0	0	1.756688	0	0	0	0.1401851	11.76	0.24626158	0	0.24626158	0.00645413

118	23	0	0	1.381962	0	0	0	0.1430238	11.76	0.19765348	0	0.19765348	5.4559E-06
118	24	0	0	0.915863	0	0	0	0.1507699	11.76	0.13808454	0	0.13808454	0.00663715
119	1	0	0	0.631104	0	0	0	0.1572737	11.76	0.09925604	0	0.09925604	0.04057844
119	2	0	0.135	0.606898	0	0	0	0.1533511	11.76	0.09306852	0	0.09306852	0.04600624
119	3	0	0.301	0.768426	0	0	0	0.147981	11.76	0.11371243	0	0.11371243	0.04572658
119	4	0	0.387	0.939648	0	0	0	0.1547114	11.76	0.14537432	0	0.14537432	0.04749688
119	5	0	0.424	1.165656	0	0	0	0.1495031	11.76	0.17426924	0	0.17426924	0.0460474
119	6	0	0.354	1.476053	0	0	0	0.1298967	11.76	0.19173444	0	0.19173444	0.03169531
119	7	0	0.309	1.965593	0	0	0	0.1097001	11.76	0.21562573	0	0.21562573	0.02216068
119	8	0	0	1.473321	0	0	0	0.0976286	11.76	0.14383832	0	0.14383832	0.00556694
119	9	0	0	1.456486	0	0	0	0.0990982	11.76	0.14433517	0	0.14433517	2.7762E-06
119	10	0	0	1.379286	0	0	0	0.0940226	11.76	0.129684	0	0.129684	4.3488E-06
119	11	0	0	1.248271	0	0	0	0.093595	11.76	0.11683193	0	0.11683193	5.2551E-06
119	12	0	0	1.204807	0	0	0	0.0951711	11.76	0.11466281	0	0.11466281	5.6613E-06
119	13	0	0	1.159128	0	0	0	0.0962497	11.76	0.11156571	0	0.11156571	5.0141E-06
119	14	0	0	1.134012	0	0	0	0.0956626	11.76	0.10848247	0	0.10848247	4.8352E-06
119	15	0	0	1.168678	0	0	0	0.0987978	11.76	0.11546278	0	0.11546278	4.711E-06
119	16	0	0	1.296403	0	0	0	0.101447	11.76	0.13151622	0	0.13151622	3.749E-06
119	17	0	0	1.613912	0	0	0	0.1273235	11.76	0.20548891	0	0.20548891	0.00891732
119	18	0	0	1.924388	0	0	0	0.1402528	11.76	0.2699007	0	0.2699007	4.8821E-06
119	19	0	0	1.986803	0	0	0	0.1432948	11.76	0.28469847	0	0.28469847	4.5097E-06
119	20	0	0	2.063946	0	0	0	0.142568	11.76	0.29425264	0	0.29425264	4.0789E-06
119	21	0	0	2.008934	0	0	0	0.1440342	11.76	0.28935532	0	0.28935532	4.945E-06
119	22	0	0	1.756688	0	0	0	0.1401851	11.76	0.24626158	0	0.24626158	5.615E-06
119	23	0	0	1.335962	0	0	0	0.1430238	11.76	0.19107438	0	0.19107438	5.4559E-06
119	24	0	0	0.869863	0	0	0	0.1507699	11.76	0.13114912	0	0.13114912	0.00693869
120	1	0	0	0.631104	0	0	0	0.1572737	11.76	0.09925604	0	0.09925604	1.828E-06
120	2	0	0	0.516898	0	0	0	0.1533511	11.76	0.07926692	0	0.07926692	0.00015426
120	3	0	0	0.513426	0	0	0	0.147981	11.76	0.07597727	0	0.07597727	0.00532775
120	4	0	0	0.598648	0	0	0	0.1547114	11.76	0.09261771	0	0.09261771	0.02862208
120	5	0	0	0.787656	0	0	0	0.1495031	11.76	0.11775706	0	0.11775706	0.02960206
120	6	0	0	1.168053	0	0	0	0.1298967	11.76	0.15172625	0	0.15172625	0.0250706
120	7	0	0	1.702592	0	0	0	0.1097001	11.76	0.1867746	0	0.1867746	0.01777268
120	8	0	0	1.473321	0	0	0	0.0976286	11.76	0.14383832	0	0.14383832	0.01044837
120	9	0	0	1.456486	0	0	0	0.0990982	11.76	0.14433517	0	0.14433517	2.7762E-06
120	10	0	0	1.426286	0	0	0	0.0940226	11.76	0.13410306	0	0.13410306	4.3488E-06
120	11	0	0	1.295271	0	0	0	0.093595	11.76	0.1212309	0	0.1212309	5.2551E-06
120	12	0	0	1.250807	0	0	0	0.0951711	11.76	0.11904068	0	0.11904068	5.6613E-06
120	13	0	0	1.159128	0	0	0	0.0962497	11.76	0.11156571	0	0.11156571	5.0141E-06
120	14	0	0	1.088012	0	0	0	0.0956626	11.76	0.10408201	0	0.10408201	4.8238E-06
120	15	0	0	1.171678	0	0	0	0.0987978	11.76	0.11575917	0	0.11575917	4.7228E-06
120	16	0	0	1.299403	0	0	0	0.101447	11.76	0.13182057	0	0.13182057	3.749E-06
120	17	0	0	1.567912	0	0	0	0.1273235	11.76	0.19963203	0	0.19963203	4.69E-06
120	18	0	0	1.929388	0	0	0	0.1402528	11.76	0.27060198	0	0.27060198	4.8654E-06
120	19	0	0	1.986803	0	0	0	0.1432948	11.76	0.28469847	0	0.28469847	4.5097E-06
120	20	0	0.096	2.159946	0	0	0	0.142568	11.76	0.30793916	0	0.30793916	4.0789E-06
120	21	0	0.096	2.104934	0	0	0	0.1440342	11.76	0.3031826	0	0.3031826	0.00014897
120	22	0	0.096	1.853688	0	0	0	0.1401851	11.76	0.25985954	0	0.25985954	0.03210801
120	23	0	0.118	1.454962	0	0	0	0.1430238	11.76	0.20809421	0	0.20809421	0.04577311
120	24	0	0.234	1.104863	0	0	0	0.1507699	11.76	0.16658003	0	0.16658003	0.04553578
121	1	0	0.297	0.879104	0	0	0	0.16867	11.76	0.14827849	0	0.14827849	0.04739823
121	2	0	0.317	0.788898	0	0	0	0.1723614	11.76	0.13597564	0	0.13597564	0.04343611
121	3	0	0.308	0.775426	0	0	0	0.1649758	11.76	0.1279265	0	0.1279265	0.03629518
121	4	0	0.291	0.843648	0	0	0	0.1679696	11.76	0.14170725	0	0.14170725	0.03141081
121	5	0	0.263	0.996656	0	0	0	0.1558589	11.76	0.15533775	0	0.15533775	0.02540546
121	6	0	0.25	1.356053	0	0	0	0.1156204	11.76	0.15678749	0	0.15678749	0.01722792
121	7	0	0.245	1.859592	0	0	0	0.0981714	11.76	0.18255875	0	0.18255875	0.01256706
121	8	0	0.201	1.595321	0	0	0	0.1016013	11.76	0.16208672	0	0.16208672	0.00985752
121	9	0	0.158	1.534486	0	0	0	0.0981607	11.76	0.15062615	0	0.15062615	0.0063832
121	10	0	0	1.393286	0	0	0	0.0968076	11.76	0.13488059	0	0.13488059	4.4777E-06
121	11	0	0	1.266271	0	0	0	0.0942621	11.76	0.11936137	0	0.11936137	5.2926E-06
121	12	0	0	1.224807	0	0	0	0.0934517	11.76	0.11446027	0	0.11446027	5.5702E-06
121	13	0	0	1.136128	0	0	0	0.0892589	11.76	0.10140952	0	0.10140952	4.6499E-06
121	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
121	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	4.3249E-06
121	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	3.3316E-06
121	17	0	0	1.541912	0	0	0	0.1109481	11.76	0.17107219	0	0.17107219	4.0868E-06
121	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	4.8209E-06
121	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	4.6606E-06
121	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	4.2482E-06
121	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	0.00695457
121	22	0	0	1.777688	0	0	0	0.1628341	11.76	0.28946827	0	0.28946827	6.5222E-06
121	23	0	0	1.359962	0	0	0	0.1590895	11.76	0.21635572	0	0.21635572	6.0688E-06
121	24	0	0	0.908863	0	0	0	0.1697732	11.76	0.15430059	0	0.15430059	0.0264883
122	1	0	0.185	0.767104	0	0	0	0.16867	11.76	0.12938745	0	0.12938745	0.03576
122	2	0	0.377	0.848898	0	0	0	0.1723614	11.76	0.14631733	0	0.14631733	0.04309137
122	3	0	0.437	0.904426	0	0	0	0.1649758	11.76	0.14920838	0	0.14920838	0.0428942
122	4	0	0.363	0.915648	0	0	0	0.1679696	11.76	0.15380106	0	0.15380106	0.03863351
122	5	0	0.349	1.082656	0	0	0	0.1558589	11.76	0.16874162	0	0.16874162	0.03366596
122	6	0	0.31	1.416053	0	0	0	0.1156204	11.76	0.16372471	0	0.16372471	0.02139026
122	7	0	0.296	1.910593	0	0	0	0.0981714	11.76	0.1875655	0	0.1875655	0.01561036
122	8	0	0.255	1.649321	0	0	0	0.1016013	11.76	0.16757319	0	0.16757319	0.01260075
122	9	0	0.2	1.576486	0	0	0	0.0981607	11.76	0.1547489	0	0.1547489	0.00844457
122	10	0	0.079	1.426286	0	0	0	0.0968076	11.76	0.13807523	0	0.13807523	0.00116618
122	11	0	0	1.266271	0	0	0	0.0942621	11.76	0.11936137	0	0.11936137	5.2926E-06
122	12	0	0	1.178807	0	0	0	0.0934517	11.76	0.1101615	0	0.1101615	5.5702E-06
122	13	0	0	1.135128	0	0	0	0.0892589	11.76	0.10132026	0	0.10132026	4.6605E-06
122	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
122	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	-8.615E-05
122	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	-8.683E-05
122	17	0	0	1.540912	0	0	0	0.1109481	11.76	0.17096125	0	0.17096125	4.0868E-06
122	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	-0.0001337
122	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	-0.0001434
122	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	-0.0001442
122	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	-0.0001459
122	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	0.00733405
122	23	0	0	1.359962	0	0	0	0.1590895	11.76	0.21635572	0	0.21635572	-0.000153
122	24	0	0	0.907863	0	0	0	0.1697732	11.76	0.15413081	0	0.15413081	3.6834E-06
123	1	0	0.096	0.677104	0	0	0	0.16867	11.76	0.11420714	0	0.11420714	0.01754364
123	2	0	0.123	0.594898	0	0	0	0.1723614	11.76	0.10253752	0	0.10253752	0.04171249
123	3	0	0.292	0.759426	0	0	0	0.1649758	11.76	0.12528689	0	0.12528689	0.04404904
123	4	0	0.459	1.011648	0	0	0	0.1679696	11.76	0.16992615	0	0.16992615	0.05526248
123	5	0	0.44	1.173656	0	0	0	0.1558589	11.76	0.18292478	0	0.18292478	0.04488783
123	6	0	0.402	1.508053	0	0	0	0.1156204	11.76	0.17436179	0	0.17436179	0.03098675
123	7	0	0.221	1.835593	0	0	0	0.0981714	11.76	0.18020264	0	0.18020264	0.01816282
123	8	0	0	1.440321	0	0	0	0.1016013	11.76	0.14633851	0	0.14633851	2.1922E-06
123	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
123	10	0	0	1.346286	0	0	0	0.0968076	11.76	0.13033063	0	0.13033063	4.4892E-06
123	11	0	0	1.218271	0	0	0	0.0942621	11.76	0.11483679	0	0.11483679	5.2926E-06
123	12	0	0	1.177807	0	0	0	0.0934517	11.76	0.11006805	0	0.11006805	5.559E-06
123	13	0	0	1.135128	0	0	0	0.0892589	11.76	0.10132026	0	0.10132026	4.6605E-06
123	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
123	15	0	0	1.151678	0	0	0	0.0904742	11.76	0.10419712	0	0.10419712	4.3249E-06
123	16	0	0	1.321403	0	0	0	0.0901526	11.76	0.1191279	0	0.1191279	-0.0041437
123	17	0	0	1.536912	0	0	0	0.1109481	11.76	0.17051745	0	0.17051745	0.00011504
123	18	0	0	1.894388	0	0	0	0.1384942	11.76	0.26236173	0	0.26236173	-0.0001337
123	19	0	0	1.949803	0	0	0	0.14809	11.76	0.28874639	0	0.28874639	4.6606E-06
123	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	-0.0001442

123	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	-0.0001459
123	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	-0.0001563
123	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	-0.000153
123	24	0	0	0.861863	0	0	0	0.1697732	11.76	0.14632125	0	0.14632125	0.00764347
124	1	0	0	0.626104	0	0	0	0.16867	11.76	0.10560497	0	0.10560497	1.9604E-06
124	2	0	0	0.516898	0	0	0	0.1723614	11.76	0.08909333	0	0.08909333	0.00017339
124	3	0	0	0.513426	0	0	0	0.1649758	11.76	0.08470284	0	0.08470284	0.01402343
124	4	0	0	0.598648	0	0	0	0.1679696	11.76	0.10055469	0	0.10055469	0.04115306
124	5	0	0	0.779656	0	0	0	0.1558589	11.76	0.12151637	0	0.12151637	0.05205733
124	6	0	0	1.152053	0	0	0	0.1156204	11.76	0.13320092	0	0.13320092	0.01052192
124	7	0	0	1.660592	0	0	0	0.0981714	11.76	0.16302264	0	0.16302264	1.1235E-06
124	8	0	0	1.393321	0	0	0	0.1016013	11.76	0.14156325	0	0.14156325	0.00467585
124	9	0	0	1.375486	0	0	0	0.0981607	11.76	0.13501861	0	0.13501861	2.7382E-06
124	10	0	0	1.345286	0	0	0	0.0968076	11.76	0.13023381	0	0.13023381	4.4892E-06
124	11	0	0	1.218271	0	0	0	0.0942621	11.76	0.11483679	0	0.11483679	5.2926E-06
124	12	0	0	1.223807	0	0	0	0.0934517	11.76	0.11436683	0	0.11436683	5.559E-06
124	13	0	0	1.132128	0	0	0	0.0892589	11.76	0.10105249	0	0.10105249	-8.461E-05
124	14	0	0	1.112012	0	0	0	0.090468	11.76	0.10060148	0	0.10060148	0.05120947
124	15	0	0	1.148678	0	0	0	0.0904742	11.76	0.10392571	0	0.10392571	0.11499701
124	16	0	0	1.272403	0	0	0	0.0901526	11.76	0.11471042	0	0.11471042	3.3316E-06
124	17	0.953	0	2.489912	0	0	0	0.1109481	11.76	0.27625097	0	0.27625097	0.07600352
124	18	0	0	1.892388	0	0	0	0.1384942	11.76	0.26208476	0	0.26208476	4.7878E-06
124	19	0	0	1.946803	0	0	0	0.14809	11.76	0.28830212	0	0.28830212	4.6606E-06
124	20	0	0	2.028946	0	0	0	0.1484869	11.76	0.30127201	0	0.30127201	4.2482E-06
124	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	5.1867E-06
124	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	6.5222E-06
124	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	6.0688E-06
124	24	0	0	0.861863	0	0	0	0.1697732	11.76	0.14632125	0	0.14632125	3.6834E-06
125	1	0	0	0.581104	0	0	0	0.16867	11.76	0.09801482	0	0.09801482	-0.0001667
125	2	0	0	0.470898	0	0	0	0.1723614	11.76	0.0811647	0	0.0811647	0.00792965
125	3	0	0	0.466426	0	0	0	0.1649758	11.76	0.07694897	0	0.07694897	0.00758937
125	4	0	0	0.597648	0	0	0	0.1679696	11.76	0.10038673	0	0.10038673	0.00016847
125	5	0	0	0.778656	0	0	0	0.1558589	11.76	0.1213605	0	0.1213605	0.00015632
125	6	0	0	1.151053	0	0	0	0.1156204	11.76	0.1330853	0	0.1330853	4.6862E-07
125	7	0	0	1.613593	0	0	0	0.0981714	11.76	0.15840859	0	0.15840859	0.00461517
125	8	0	0	1.393321	0	0	0	0.1016013	11.76	0.14156325	0	0.14156325	0.00467585
125	9	0	0	1.375486	0	0	0	0.0981607	11.76	0.13501861	0	0.13501861	0.00451813
125	10	0	0	1.346286	0	0	0	0.0968076	11.76	0.13033063	0	0.13033063	4.4892E-06
125	11	0	0	1.219271	0	0	0	0.0942621	11.76	0.11493106	0	0.11493106	5.2926E-06
125	12	0	0	1.224807	0	0	0	0.0934517	11.76	0.11446027	0	0.11446027	5.5702E-06
125	13	0	0	1.179128	0	0	0	0.0892589	11.76	0.10524765	0	0.10524765	4.6499E-06
125	14	0	0	1.111012	0	0	0	0.090468	11.76	0.10051101	0	0.10051101	0.01619835
125	15	0	0	1.194678	0	0	0	0.0904742	11.76	0.10808751	0	0.10808751	0.0337512
125	16	0	0	1.272403	0	0	0	0.0901526	11.76	0.11471042	0	0.11471042	0.07951794
125	17	0	0	1.535912	0	0	0	0.1109481	11.76	0.17040651	0	0.17040651	0.08609978
125	18	0	0	1.894388	0	0	0	0.1384942	11.76	0.26236173	0	0.26236173	0.12118725
125	19	0	0	1.947803	0	0	0	0.14809	11.76	0.28845019	0	0.28845019	-0.0001434
125	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	4.2482E-06
125	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	5.1867E-06
125	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	6.5222E-06
125	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	6.0688E-06
125	24	0	0	0.861863	0	0	0	0.1697732	11.76	0.14632125	0	0.14632125	3.6834E-06
126	1	0	0	0.581104	0	0	0	0.16867	11.76	0.09801482	0	0.09801482	0.00776078
126	2	0	0	0.470898	0	0	0	0.1723614	11.76	0.0811647	0	0.0811647	0.00792965
126	3	0	0	0.512426	0	0	0	0.1649758	11.76	0.08453786	0	0.08453786	0.00016546
126	4	0	0	0.598648	0	0	0	0.1679696	11.76	0.10055469	0	0.10055469	5.0059E-07
126	5	0	0	0.778656	0	0	0	0.1558589	11.76	0.1213605	0	0.1213605	0.01059886
126	6	0	0	1.151053	0	0	0	0.1156204	11.76	0.1330853	0	0.1330853	0.00786267
126	7	0	0	1.660592	0	0	0	0.0981714	11.76	0.16302264	0	0.16302264	0.00343713
126	8	0	0	1.393321	0	0	0	0.1016013	11.76	0.14156325	0	0.14156325	0.00477746
126	9	0	0	1.375486	0	0	0	0.0981607	11.76	0.13501861	0	0.13501861	2.7382E-06
126	10	0	0	1.346286	0	0	0	0.0968076	11.76	0.13033063	0	0.13033063	4.4892E-06
126	11	0	0	1.218271	0	0	0	0.0942621	11.76	0.11483679	0	0.11483679	5.2926E-06
126	12	0	0	1.222807	0	0	0	0.0934517	11.76	0.11427337	0	0.11427337	5.559E-06
126	13	0	0	1.178128	0	0	0	0.0892589	11.76	0.1051584	0	0.1051584	0.01776716
126	14	0	0	1.064012	0	0	0	0.090468	11.76	0.09625902	0	0.09625902	0.08404935
126	15	0.283	0	1.432678	0	0	0	0.0904742	11.76	0.12962037	0	0.12962037	0.06912661
126	16	0	0	1.272403	0	0	0	0.0901526	11.76	0.11471042	0	0.11471042	3.3316E-06
126	17	0	0	1.540912	0	0	0	0.1109481	11.76	0.17096125	0	0.17096125	-0.0001069
126	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	4.8209E-06
126	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	4.6606E-06
126	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	4.2482E-06
126	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	5.1867E-06
126	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	6.5222E-06
126	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	6.0688E-06
126	24	0	0	0.861863	0	0	0	0.1697732	11.76	0.14632125	0	0.14632125	0.00781324
127	1	0	0	0.581104	0	0	0	0.16867	11.76	0.09801482	0	0.09801482	0.00776078
127	2	0	0	0.516898	0	0	0	0.1723614	11.76	0.08909333	0	0.08909333	0.00017339
127	3	0	0	0.512426	0	0	0	0.1649758	11.76	0.08453786	0	0.08453786	0.00016546
127	4	0	0	0.598648	0	0	0	0.1679696	11.76	0.10055469	0	0.10055469	5.0059E-07
127	5	0	0	0.778656	0	0	0	0.1558589	11.76	0.1213605	0	0.1213605	0.00888442
127	6	0	0	1.151053	0	0	0	0.1156204	11.76	0.1330853	0	0.1330853	0.01017507
127	7	0	0	1.660592	0	0	0	0.0981714	11.76	0.16302264	0	0.16302264	1.1235E-06
127	8	0	0	1.393321	0	0	0	0.1016013	11.76	0.14156325	0	0.14156325	0.0001038
127	9	0	0	1.375486	0	0	0	0.0981607	11.76	0.13501861	0	0.13501861	2.7382E-06
127	10	0	0	1.346286	0	0	0	0.0968076	11.76	0.13033063	0	0.13033063	4.4892E-06
127	11	0	0	1.219271	0	0	0	0.0942621	11.76	0.11493106	0	0.11493106	5.2926E-06
127	12	0	0	1.178807	0	0	0	0.0934517	11.76	0.1101615	0	0.1101615	5.5702E-06
127	13	0	0	1.136128	0	0	0	0.0892589	11.76	0.10140952	0	0.10140952	4.6499E-06
127	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
127	15	0	0	1.198678	0	0	0	0.0904742	11.76	0.10844941	0	0.10844941	-8.615E-05
127	16	0	0	1.273403	0	0	0	0.0901526	11.76	0.11480058	0	0.11480058	3.3316E-06
127	17	0	0	1.538912	0	0	0	0.1109481	11.76	0.17073935	0	0.17073935	4.0736E-06
127	18	0	0	1.895388	0	0	0	0.1384942	11.76	0.26250023	0	0.26250023	-0.0001337
127	19	0	0	1.949803	0	0	0	0.14809	11.76	0.28874639	0	0.28874639	4.6606E-06
127	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	4.2482E-06
127	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	5.1867E-06
127	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	6.5222E-06
127	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	6.0688E-06
127	24	0	0	0.861863	0	0	0	0.1697732	11.76	0.14632125	0	0.14632125	0.00781324
128	1	0	0	0.627104	0	0	0	0.16867	11.76	0.10577364	0	0.10577364	1.9604E-06
128	2	0	0	0.516898	0	0	0	0.1723614	11.76	0.08909333	0	0.08909333	0.00758493
128	3	0	0	0.513426	0	0	0	0.1649758	11.76	0.08470284	0	0.08470284	0.03860483
128	4	0	0.096	0.648648	0	0	0	0.1679696	11.76	0.10895318	0	0.10895318	0.0723954
128	5	0	0.15	0.883656	0	0	0	0.1558589	11.76	0.13772569	0	0.13772569	0.05657724
128	6	0	0.147	1.253053	0	0	0	0.1156204	11.76	0.14487858	0	0.14487858	0.0374615
128	7	0	0.184	1.798592	0	0	0	0.0981714	11.76	0.17657029	0	0.17657029	0.02464214
128	8	0	0	1.440321	0	0	0	0.1016013	11.76	0.14633851	0	0.14633851	0.02001766
128	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	0.01325444
128	10	0	0	1.393286	0	0	0	0.0968076	11.76	0.13488059	0	0.13488059	4.4777E-06
128	11	0	0	1.265271	0	0	0	0.0942621	11.76	0.11926712	0	0.11926712	5.2814E-06
128	12	0	0	1.224807	0	0	0	0.0934517	11.76	0.11446027	0	0.11446027	-0.0042932
128	13	0	0	1.136128	0	0	0	0.0892589	11.76	0.10140952	0	0.10140952	4.6499E-06
128	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
128	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	4.3249E-06
128	16	0	0	1.323403	0	0	0	0.0901526	11.76	0.11930821	0	0.11930821	3.3316E-06
128	17	0	0	1.538912	0	0	0	0.1109481	11.76	0.17073935	0	0.17073935	-0.0001069
128	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	4.8209E-06

128	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	4.6606E-06
128	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	4.2482E-06
128	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	5.1867E-06
128	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	6.5222E-06
128	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	0.00732419
128	24	0	0	0.907863	0	0	0	0.1697732	11.76	0.15413081	0	0.15413081	3.6834E-06
129	1	0	0	0.627104	0	0	0	0.16867	11.76	0.10577364	0	0.10577364	0.01703763
129	2	0	0	0.517898	0	0	0	0.1723614	11.76	0.08926569	0	0.08926569	0.04205722
129	3	0	0	0.513426	0	0	0	0.1649758	11.76	0.08470284	0	0.08470284	0.05394759
129	4	0	0.137	0.689648	0	0	0	0.1679696	11.76	0.11583993	0	0.11583993	0.04602417
129	5	0	0.151	0.884656	0	0	0	0.1558589	11.76	0.13788155	0	0.13788155	0.03787417
129	6	0	0.171	1.277053	0	0	0	0.1156204	11.76	0.14765348	0	0.14765348	0.02636193
129	7	0	0.196	1.810593	0	0	0	0.0981714	11.76	0.17774836	0	0.17774836	0.02071529
129	8	0	0.106	1.500321	0	0	0	0.1016013	11.76	0.15243459	0	0.15243459	0.01270236
129	9	0	0.121	1.497486	0	0	0	0.0981607	11.76	0.14699421	0	0.14699421	0.01188019
129	10	0	0	1.393286	0	0	0	0.0968076	11.76	0.13488059	0	0.13488059	4.4777E-06
129	11	0	0	1.266271	0	0	0	0.0942621	11.76	0.11936137	0	0.11936137	5.2926E-06
129	12	0	0	1.224807	0	0	0	0.0934517	11.76	0.11446027	0	0.11446027	5.5702E-06
129	13	0	0	1.182128	0	0	0	0.0892589	11.76	0.10551543	0	0.10551543	-0.0041013
129	14	0	0	1.069012	0	0	0	0.090468	11.76	0.09671136	0	0.09671136	-8.59E-05
129	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	4.3249E-06
129	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	3.3316E-06
129	17	0	0	1.541912	0	0	0	0.1109481	11.76	0.17107219	0	0.17107219	4.0868E-06
129	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	4.8209E-06
129	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	4.6606E-06
129	20	0	0	2.077946	0	0	0	0.1484869	11.76	0.30854787	0	0.30854787	4.2482E-06
129	21	0	0.096	2.076934	0	0	0	0.151074	11.76	0.3137708	0	0.3137708	5.1867E-06
129	22	0	0.096	1.828688	0	0	0	0.1628341	11.76	0.29777281	0	0.29777281	0.01482442
129	23	0	0	1.360962	0	0	0	0.1590895	11.76	0.2165148	0	0.2165148	0.04168754
129	24	0	0.303	1.165863	0	0	0	0.1697732	11.76	0.19793231	0	0.19793231	0.04465402
130	1	0	0.401	0.983104	0	0	0	0.16867	11.76	0.16582017	0	0.16582017	0.0465549
130	2	0	0.494	0.965898	0	0	0	0.1723614	11.76	0.16648361	0	0.16648361	0.05067527
130	3	0	0.589	1.056426	0	0	0	0.1649758	11.76	0.17428471	0	0.17428471	0.05361763
130	4	0	0.667	1.219648	0	0	0	0.1679696	11.76	0.20486382	0	0.20486382	0.05593439
130	5	0	0.594	1.327656	0	0	0	0.1558589	11.76	0.20692704	0	0.20692704	0.04582299
130	6	0	0.584	1.690053	0	0	0	0.1156204	11.76	0.19540471	0	0.19540471	0.03202734
130	7	0	0.549	2.163592	0	0	0	0.0981714	11.76	0.21240283	0	0.21240283	0.02572203
130	8	0	0.388	1.782321	0	0	0	0.1016013	11.76	0.18108617	0	0.18108617	0.01818883
130	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
130	10	0	0	1.393286	0	0	0	0.0968076	11.76	0.13488059	0	0.13488059	4.4777E-06
130	11	0	0	1.219271	0	0	0	0.0942621	11.76	0.11493106	0	0.11493106	5.2926E-06
130	12	0	0	1.178807	0	0	0	0.0934517	11.76	0.1101615	0	0.1101615	-8.789E-05
130	13	0	0	1.136128	0	0	0	0.0892589	11.76	0.10140952	0	0.10140952	-8.46E-05
130	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
130	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	4.3249E-06
130	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	3.3316E-06
130	17	0	0	1.541912	0	0	0	0.1109481	11.76	0.17107219	0	0.17107219	-0.0001069
130	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	4.8209E-06
130	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	4.6606E-06
130	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	4.2482E-06
130	21	0	0.096	2.076934	0	0	0	0.151074	11.76	0.3137708	0	0.3137708	5.1867E-06
130	22	0	0.096	1.827688	0	0	0	0.1628341	11.76	0.29760997	0	0.29760997	6.5222E-06
130	23	0	0.158	1.472962	0	0	0	0.1590895	11.76	0.23433283	0	0.23433283	0.06236918
130	24	0	0.426	1.288863	0	0	0	0.1697732	11.76	0.21881439	0	0.21881439	0.07826915
131	1	0	0.721	1.303104	0	0	0	0.16867	11.76	0.21979458	0	0.21979458	0.09766191
131	2	0	0.888	1.359898	0	0	0	0.1723614	11.76	0.23439403	0	0.23439403	0.10341787
131	3	0	0.978	1.445426	0	0	0	0.1649758	11.76	0.23846032	0	0.23846032	0.09832606
131	4	0	1.045	1.597648	0	0	0	0.1679696	11.76	0.26835634	0	0.26835634	0.10027836
131	5	0	1.025	1.758656	0	0	0	0.1558589	11.76	0.27410223	0	0.27410223	0.08993104
131	6	0	0.768	1.874053	0	0	0	0.1156204	11.76	0.21667887	0	0.21667887	0.04832981
131	7	0	0.324	1.938592	0	0	0	0.0981714	11.76	0.19031428	0	0.19031428	0.01737746
131	8	0	0.096	1.490321	0	0	0	0.1016013	11.76	0.15141857	0	0.15141857	2.1922E-06
131	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
131	10	0	0	1.392286	0	0	0	0.0968076	11.76	0.13478377	0	0.13478377	4.4777E-06
131	11	0	0	1.218271	0	0	0	0.0942621	11.76	0.11483679	0	0.11483679	5.2926E-06
131	12	0	0	1.177807	0	0	0	0.0934517	11.76	0.11006805	0	0.11006805	5.559E-06
131	13	0	0	1.135128	0	0	0	0.0892589	11.76	0.10132026	0	0.10132026	4.6605E-06
131	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	-8.59E-05
131	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	-8.615E-05
131	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	-8.683E-05
131	17	0	0	1.540912	0	0	0	0.1109481	11.76	0.17096125	0	0.17096125	4.0868E-06
131	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	-0.0001337
131	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	-0.0001434
131	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	-0.0001442
131	21	0	0	2.026934	0	0	0	0.151074	11.76	0.30621707	0	0.30621707	-0.0001459
131	22	0	0	1.776688	0	0	0	0.1628341	11.76	0.28930543	0	0.28930543	6.5222E-06
131	23	0	0.096	1.409962	0	0	0	0.1590895	11.76	0.22431019	0	0.22431019	6.0877E-06
131	24	0	0.096	0.957863	0	0	0	0.1697732	11.76	0.16261947	0	0.16261947	3.6834E-06
132	1	0	0.096	0.677104	0	0	0	0.16867	11.76	0.11420714	0	0.11420714	0.03390464
132	2	0	0.212	0.683898	0	0	0	0.1723614	11.76	0.1178777	0	0.1178777	0.04791749
132	3	0	0.328	0.795426	0	0	0	0.1649758	11.76	0.13122602	0	0.13122602	0.04817344
132	4	0	0.442	0.994648	0	0	0	0.1679696	11.76	0.16707065	0	0.16707065	0.05391876
132	5	0	0.451	1.184656	0	0	0	0.1558589	11.76	0.18463921	0	0.18463921	0.04753744
132	6	0	0.418	1.524053	0	0	0	0.1156204	11.76	0.17621172	0	0.17621172	0.03121798
132	7	0	0.096	1.710593	0	0	0	0.0981714	11.76	0.16793122	0	0.16793122	0.00736398
132	8	0	0	1.440321	0	0	0	0.1016013	11.76	0.14633851	0	0.14633851	2.1922E-06
132	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
132	10	0	0	1.391286	0	0	0	0.0968076	11.76	0.13468696	0	0.13468696	4.4892E-06
132	11	0	0	1.218271	0	0	0	0.0942621	11.76	0.11483679	0	0.11483679	5.2926E-06
132	12	0	0	1.177807	0	0	0	0.0934517	11.76	0.11006805	0	0.11006805	-8.789E-05
132	13	0	0	1.135128	0	0	0	0.0892589	11.76	0.10132026	0	0.10132026	-8.46E-05
132	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	-8.59E-05
132	15	0	0	1.152678	0	0	0	0.0904742	11.76	0.1042876	0	0.1042876	4.3141E-06
132	16	0	0	1.276403	0	0	0	0.0901526	11.76	0.11507104	0	0.11507104	3.3316E-06
132	17	0	0	1.540912	0	0	0	0.1109481	11.76	0.17096125	0	0.17096125	-0.0001069
132	18	0	0	1.896388	0	0	0	0.1384942	11.76	0.26263873	0	0.26263873	4.7878E-06
132	19	0	0	1.950803	0	0	0	0.14809	11.76	0.28889447	0	0.28889447	4.6606E-06
132	20	0	0	2.030946	0	0	0	0.1484869	11.76	0.301569	0	0.301569	4.2482E-06
132	21	0	0	1.979934	0	0	0	0.151074	11.76	0.29911661	0	0.29911661	5.1867E-06
132	22	0	0.096	1.826688	0	0	0	0.1628341	11.76	0.29744714	0	0.29744714	6.5222E-06
132	23	0	0	1.358962	0	0	0	0.1590895	11.76	0.21619662	0	0.21619662	6.0688E-06
132	24	0	0	0.907863	0	0	0	0.1697732	11.76	0.15413081	0	0.15413081	3.6834E-06
133	1	0	0.096	0.677104	0	0	0	0.16867	11.76	0.11420714	0	0.11420714	0.00961615
133	2	0	0.096	0.567898	0	0	0	0.1723614	11.76	0.09788376	0	0.09788376	0.06118934
133	3	0	0.207	0.674426	0	0	0	0.1649758	11.76	0.11126395	0	0.11126395	0.06384613
133	4	0	0.338	0.890648	0	0	0	0.1679696	11.76	0.14960182	0	0.14960182	0.06433286
133	5	0	0.587	1.320656	0	0	0	0.1558589	11.76	0.20583603	0	0.20583603	0.08135881
133	6	0	0.208	1.314053	0	0	0	0.1156204	11.76	0.15193142	0	0.15193142	0.02763376
133	7	0	0	1.660592	0	0	0	0.0981714	11.76	0.16302264	0	0.16302264	1.1235E-06
133	8	0	0	1.439321	0	0	0	0.1016013	11.76	0.14623691	0	0.14623691	0.0001038
133	9	0	0	1.421486	0	0	0	0.0981607	11.76	0.13953399	0	0.13953399	2.7499E-06
133	10	0	0	1.345286	0	0	0	0.0968076	11.76	0.13023381	0	0.13023381	4.4892E-06
133	11	0	0	1.218271	0	0	0	0.0942621	11.76	0.11483679	0	0.11483679	-8.897E-05
133	12	0	0	1.177807	0	0	0	0.0934517	11.76	0.11006805	0	0.11006805	-8.789E-05
133	13	0	0	1.135128	0	0	0	0.0892589	11.76	0.10132026	0	0.10132026	-8.46E-05
133	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	-8.59E-05
133	15	0	0	1.152678	0	0	0	0.0904742	11.76	0.1042876	0	0.1042876	4.3141E-06
133	16	0	0	1.276403	0	0	0	0.0901526	11.76	0.11507104	0	0.11507104	3.3316E-06

133	17	0	0	1.540912	0	0	0	0.1109481	11.76	0.17096125	0	0.17096125	-0.0001069
133	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	-0.0001337
133	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	-0.0001434
133	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	-0.0001442
133	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	-0.0001459
133	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	-0.0001563
133	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	0.00716509
133	24	0	0	0.907863	0	0	0	0.1697732	11.76	0.15413081	0	0.15413081	-0.0001661
134	1	0	0	0.626104	0	0	0	0.16867	11.76	0.10560497	0	0.10560497	0.00017063
134	2	0	0	0.516898	0	0	0	0.1723614	11.76	0.08909333	0	0.08909333	0.00017339
134	3	0	0	0.513426	0	0	0	0.1649758	11.76	0.08470284	0	0.08470284	0.03365556
134	4	0	0.078	0.630648	0	0	0	0.1679696	11.76	0.10592972	0	0.10592972	0.05929377
134	5	0	0.234	0.967656	0	0	0	0.1558589	11.76	0.15081784	0	0.15081784	0.05610966
134	6	0	0	1.152053	0	0	0	0.1156204	11.76	0.13320092	0	0.13320092	0.01052192
134	7	0	0	1.660592	0	0	0	0.0981714	11.76	0.16302264	0	0.16302264	1.1235E-06
134	8	0	0	1.393321	0	0	0	0.1016013	11.76	0.14156325	0	0.14156325	0.00467585
134	9	0	0	1.375486	0	0	0	0.0981607	11.76	0.13501861	0	0.13501861	2.7382E-06
134	10	0	0	1.346286	0	0	0	0.0968076	11.76	0.13033063	0	0.13033063	-9.232E-05
134	11	0	0	1.219271	0	0	0	0.0942621	11.76	0.11493106	0	0.11493106	-8.897E-05
134	12	0	0	1.177807	0	0	0	0.0934517	11.76	0.11006805	0	0.11006805	5.559E-06
134	13	0	0	1.180128	0	0	0	0.0892589	11.76	0.10533691	0	0.10533691	-0.0041013
134	14	0	0	1.065012	0	0	0	0.090468	11.76	0.09634949	0	0.09634949	9.5034E-05
134	15	0.126	0	1.277678	0	0	0	0.0904742	11.76	0.11559687	0	0.11559687	-0.0114859
134	16	0	0	1.272403	0	0	0	0.0901526	11.76	0.11471042	0	0.11471042	9.3488E-05
134	17	0	0	1.537912	0	0	0	0.1109481	11.76	0.1706284	0	0.1706284	4.0868E-06
134	18	0	0	1.894388	0	0	0	0.1384942	11.76	0.26236173	0	0.26236173	0.11315458
134	19	0	0	1.948803	0	0	0	0.14809	11.76	0.28859827	0	0.28859827	-0.0002915
134	20	0	0	2.030946	0	0	0	0.1484869	11.76	0.301569	0	0.301569	0.00015272
134	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	5.1867E-06
134	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	6.5222E-06
134	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	6.0688E-06
134	24	0	0	0.861863	0	0	0	0.1697732	11.76	0.14632125	0	0.14632125	3.6834E-06
135	1	0	0	0.581104	0	0	0	0.16867	11.76	0.09801482	0	0.09801482	0.00776078
135	2	0	0	0.516898	0	0	0	0.1723614	11.76	0.08909333	0	0.08909333	0.00017339
135	3	0	0	0.513426	0	0	0	0.1649758	11.76	0.08470284	0	0.08470284	0.01847778
135	4	0	0	0.598648	0	0	0	0.1679696	11.76	0.10055469	0	0.10055469	0.0530789
135	5	0	0	0.779656	0	0	0	0.1558589	11.76	0.12151637	0	0.12151637	0.04831671
135	6	0	0	1.151053	0	0	0	0.1156204	11.76	0.1330853	0	0.1330853	0.00011609
135	7	0	0	1.614593	0	0	0	0.0981714	11.76	0.15850677	0	0.15850677	0.004517
135	8	0	0	1.393321	0	0	0	0.1016013	11.76	0.14156325	0	0.14156325	2.1922E-06
135	9	0	0	1.375486	0	0	0	0.0981607	11.76	0.13501861	0	0.13501861	2.7382E-06
135	10	0	0	1.392286	0	0	0	0.0968076	11.76	0.13478377	0	0.13478377	4.4777E-06
135	11	0	0	1.216271	0	0	0	0.0942621	11.76	0.11464827	0	0.11464827	5.2926E-06
135	12	0	0	1.223807	0	0	0	0.0934517	11.76	0.11436683	0	0.11436683	5.559E-06
135	13	0	0	1.178128	0	0	0	0.0892589	11.76	0.1051584	0	0.1051584	0.03401228
135	14	0	0	1.064012	0	0	0	0.090468	11.76	0.09625902	0	0.09625902	-8.59E-05
135	15	0	0	1.149678	0	0	0	0.0904742	11.76	0.10401618	0	0.10401618	0.10477342
135	16	0	0	1.272403	0	0	0	0.0901526	11.76	0.11471042	0	0.11471042	0.13315872
135	17	1.031	0	2.566912	0	0	0	0.1109481	11.76	0.28479396	0	0.28479396	0.06768241
135	18	0	0	1.892388	0	0	0	0.1384942	11.76	0.26208476	0	0.26208476	4.7878E-06
135	19	0	0	1.949803	0	0	0	0.14809	11.76	0.28874639	0	0.28874639	4.6606E-06
135	20	0	0	2.030946	0	0	0	0.1484869	11.76	0.301569	0	0.301569	4.2482E-06
135	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	5.1867E-06
135	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	6.5222E-06
135	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	6.0688E-06
135	24	0	0	0.861863	0	0	0	0.1697732	11.76	0.14632125	0	0.14632125	0.00781324
136	1	0	0	0.581104	0	0	0	0.16867	11.76	0.09801482	0	0.09801482	0.00776078
136	2	0	0	0.516898	0	0	0	0.1723614	11.76	0.08909333	0	0.08909333	0.00017339
136	3	0	0	0.512426	0	0	0	0.1649758	11.76	0.08453786	0	0.08453786	0.01451836
136	4	0	0	0.598648	0	0	0	0.1679696	11.76	0.10055469	0	0.10055469	0.0347702
136	5	0	0	0.778656	0	0	0	0.1558589	11.76	0.1213605	0	0.1213605	0.03444528
136	6	0	0	1.151053	0	0	0	0.1156204	11.76	0.1330853	0	0.1330853	0.02763376
136	7	0	0	1.660592	0	0	0	0.0981714	11.76	0.16302264	0	0.16302264	0.02434763
136	8	0	0	1.439321	0	0	0	0.1016013	11.76	0.14623691	0	0.14623691	0.01077194
136	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	0.00952434
136	10	0	0	1.392286	0	0	0	0.0968076	11.76	0.13478377	0	0.13478377	0.00010129
136	11	0	0	1.219271	0	0	0	0.0942621	11.76	0.11493106	0	0.11493106	0.0044356
136	12	0	0	1.178807	0	0	0	0.0934517	11.76	0.1101615	0	0.1101615	5.5702E-06
136	13	0	0	1.136128	0	0	0	0.0892589	11.76	0.10140952	0	0.10140952	4.6499E-06
136	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
136	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	4.3249E-06
136	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	3.3316E-06
136	17	0	0	1.541912	0	0	0	0.1109481	11.76	0.17107219	0	0.17107219	4.0868E-06
136	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	4.8209E-06
136	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	4.6606E-06
136	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	4.2482E-06
136	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	0.00695457
136	22	0	0	1.777688	0	0	0	0.1628341	11.76	0.28946827	0	0.28946827	6.5222E-06
136	23	0	0	1.359962	0	0	0	0.1590895	11.76	0.21635572	0	0.21635572	0.01702865
136	24	0	0	0.908863	0	0	0	0.1697732	11.76	0.15430059	0	0.15430059	0.05212405
137	1	0	0.157	0.739104	0	0	0	0.16867	11.76	0.12466469	0	0.12466469	0.0492536
137	2	0	0.275	0.746898	0	0	0	0.1723614	11.76	0.12873646	0	0.12873646	0.05377778
137	3	0	0.313	0.780426	0	0	0	0.1649758	11.76	0.12875138	0	0.12875138	0.04652369
137	4	0	0.405	0.957648	0	0	0	0.1679696	11.76	0.16085579	0	0.16085579	0.04300073
137	5	0	0.426	1.159656	0	0	0	0.1558589	11.76	0.18074274	0	0.18074274	0.0400562
137	6	0	0.414	1.520053	0	0	0	0.1156204	11.76	0.17574923	0	0.17574923	0.02624632
137	7	0	0.422	2.036592	0	0	0	0.0981714	11.76	0.19993508	0	0.19993508	0.02248238
137	8	0	0.398	1.792321	0	0	0	0.1016013	11.76	0.18210218	0	0.18210218	0.02062726
137	9	0	0.249	1.625486	0	0	0	0.0981607	11.76	0.15955877	0	0.15955877	0.01413789
137	10	0	0.214	1.561286	0	0	0	0.0968076	11.76	0.15114425	0	0.15114425	0.01065332
137	11	0	0.143	1.363271	0	0	0	0.0942621	11.76	0.12850479	0	0.12850479	0.00726348
137	12	0	0.128	1.307807	0	0	0	0.0934517	11.76	0.12221677	0	0.12221677	0.00589302
137	13	0	0.101	1.238128	0	0	0	0.0892589	11.76	0.11051393	0	0.11051393	0.00339649
137	14	0	0.096	1.166012	0	0	0	0.090468	11.76	0.10548676	0	0.10548676	4.5619E-06
137	15	0	0.096	1.250678	0	0	0	0.0904742	11.76	0.11315406	0	0.11315406	4.3249E-06
137	16	0	0.096	1.374403	0	0	0	0.0901526	11.76	0.12390599	0	0.12390599	3.3316E-06
137	17	0	0	1.588912	0	0	0	0.1109481	11.76	0.17628675	0	0.17628675	4.0868E-06
137	18	0	0.096	1.994388	0	0	0	0.1384942	11.76	0.27621115	0	0.27621115	0.01177682
137	19	0	0.194	2.146803	0	0	0	0.14809	11.76	0.31792013	0	0.31792013	0.02754939
137	20	0	0.332	2.364946	0	0	0	0.1484869	11.76	0.35116361	0	0.35116361	0.03905631
137	21	0	0.479	2.460934	0	0	0	0.151074	11.76	0.3717832	0	0.3717832	0.04472309
137	22	0	0.571	2.303688	0	0	0	0.1628341	11.76	0.37511898	0	0.37511898	0.05146213
137	23	0	0.815	2.129962	0	0	0	0.1590895	11.76	0.33885465	0	0.33885465	0.06571007
137	24	0	0.943	1.805863	0	0	0	0.1697732	11.76	0.30658713	0	0.30658713	0.08013666
138	1	0	0.978	1.560104	0	0	0	0.16867	11.76	0.26314277	0	0.26314277	0.0750601
138	2	0	1.015	1.486898	0	0	0	0.1723614	11.76	0.25628393	0	0.25628393	0.07635714
138	3	0	0.947	1.414426	0	0	0	0.1649758	11.76	0.23334605	0	0.23334605	0.06764058
138	4	0	0.962	1.514648	0	0	0	0.1679696	11.76	0.25441487	0	0.25441487	0.07054771
138	5	0	1.099	1.832656	0	0	0	0.1558589	11.76	0.28563579	0	0.28563579	0.07715062
138	6	0	1.015	2.121053	0	0	0	0.1156204	11.76	0.24523712	0	0.24523712	0.04740486
138	7	0	0.891	2.505592	0	0	0	0.0981714	11.76	0.24597745	0	0.24597745	0.03269221
138	8	0	0.877	2.271321	0	0	0	0.1016013	11.76	0.23076922	0	0.23076922	0.03485145
138	9	0	0.645	2.021486	0	0	0	0.0981607	11.76	0.1984304	0	0.1984304	0.02189257
138	10	0	0.394	1.741286	0	0	0	0.0968076	11.76	0.16856962	0	0.16856962	0.0105565
138	11	0	0	1.266271	0	0	0	0.0942621	11.76	0.11936137	0	0.11936137	5.2926E-06
138	12	0	0	1.225807	0	0	0	0.0934517	11.76	0.11455373	0	0.11455373	-8.789E-05
138	13	0	0	1.182128	0	0	0	0.0892589	11.76	0.10551543	0	0.10551543	-8.461E-05
138	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06

138	15	0	0	1.152678	0	0	0	0.0904742	11.76	0.1042876	0	0.1042876	4.3141E-06
138	16	0	0	1.276403	0	0	0	0.0901526	11.76	0.11507104	0	0.11507104	3.3316E-06
138	17	0	0	1.540912	0	0	0	0.1109481	11.76	0.17096125	0	0.17096125	4.0868E-06
138	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	-0.0001337
138	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	-0.0001434
138	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	-0.0001442
138	21	0	0.096	2.075934	0	0	0	0.151074	11.76	0.3136197	0	0.3136197	5.1867E-06
138	22	0	0.096	1.827688	0	0	0	0.1628341	11.76	0.29760997	0	0.29760997	-0.0001563
138	23	0	0.096	1.409962	0	0	0	0.1590895	11.76	0.22431019	0	0.22431019	6.0877E-06
138	24	0	0.096	0.957863	0	0	0	0.1697732	11.76	0.16261947	0	0.16261947	0.0417679
139	1	0	0.308	0.890104	0	0	0	0.16867	11.76	0.15013386	0	0.15013386	0.05296435
139	2	0	0.455	0.926898	0	0	0	0.1723614	11.76	0.15976152	0	0.15976152	0.0625682
139	3	0	0.517	0.984426	0	0	0	0.1649758	11.76	0.16240646	0	0.16240646	0.05642222
139	4	0	0.528	1.080648	0	0	0	0.1679696	11.76	0.18151605	0	0.18151605	0.05660626
139	5	0	0.553	1.286656	0	0	0	0.1558589	11.76	0.20053682	0	0.20053682	0.0487843
139	6	0	0.481	1.587053	0	0	0	0.1156204	11.76	0.1834958	0	0.1834958	0.02994617
139	7	0	0.475	2.089592	0	0	0	0.0981714	11.76	0.20513816	0	0.20513816	0.02287506
139	8	0	0.423	1.817321	0	0	0	0.1016013	11.76	0.18464221	0	0.18464221	0.01879844
139	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
139	10	0	0	1.393286	0	0	0	0.0968076	11.76	0.13488059	0	0.13488059	-9.233E-05
139	11	0	0	1.265271	0	0	0	0.0942621	11.76	0.11926712	0	0.11926712	-8.897E-05
139	12	0	0	1.223807	0	0	0	0.0934517	11.76	0.11436683	0	0.11436683	-0.0043867
139	13	0	0	1.134128	0	0	0	0.0892589	11.76	0.101231	0	0.101231	-8.461E-05
139	14	0	0	1.067012	0	0	0	0.090468	11.76	0.09653042	0	0.09653042	-8.589E-05
139	15	0	0	1.151678	0	0	0	0.0904742	11.76	0.10419712	0	0.10419712	4.3249E-06
139	16	0	0	1.275403	0	0	0	0.0901526	11.76	0.11498088	0	0.11498088	3.3316E-06
139	17	0	0	1.539912	0	0	0	0.1109481	11.76	0.17085029	0	0.17085029	-0.0001069
139	18	0	0	1.896388	0	0	0	0.1384942	11.76	0.26263873	0	0.26263873	-0.0001337
139	19	0	0	1.949803	0	0	0	0.14809	11.76	0.28874639	0	0.28874639	4.6606E-06
139	20	0	0	2.029946	0	0	0	0.1484869	11.76	0.30142049	0	0.30142049	0.00683465
139	21	0	0	2.024934	0	0	0	0.151074	11.76	0.30591495	0	0.30591495	5.1867E-06
139	22	0	0	1.775688	0	0	0	0.1628341	11.76	0.28914261	0	0.28914261	6.5222E-06
139	23	0	0	1.358962	0	0	0	0.1590895	11.76	0.21619662	0	0.21619662	6.0688E-06
139	24	0	0.096	0.956863	0	0	0	0.1697732	11.76	0.1624497	0	0.1624497	0.00017345
140	1	0	0.096	0.677104	0	0	0	0.16867	11.76	0.11420714	0	0.11420714	0.00843546
140	2	0	0.096	0.567898	0	0	0	0.1723614	11.76	0.09788376	0	0.09788376	0.06291295
140	3	0	0.222	0.689426	0	0	0	0.1649758	11.76	0.11373858	0	0.11373858	0.07984879
140	4	0	0.36	0.912648	0	0	0	0.1679696	11.76	0.15329715	0	0.15329715	0.07424306
140	5	0	0.406	1.139656	0	0	0	0.1558589	11.76	0.17762557	0	0.17762557	0.0628116
140	6	0	0.341	1.447053	0	0	0	0.1156204	11.76	0.16730894	0	0.16730894	0.03595844
140	7	0	0.245	1.859592	0	0	0	0.0981714	11.76	0.18255875	0	0.18255875	0.02159883
140	8	0	0	1.440321	0	0	0	0.1016013	11.76	0.14633851	0	0.14633851	2.1922E-06
140	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
140	10	0	0	1.392286	0	0	0	0.0968076	11.76	0.13478377	0	0.13478377	4.4777E-06
140	11	0	0	1.264271	0	0	0	0.0942621	11.76	0.11917285	0	0.11917285	5.2926E-06
140	12	0	0	1.222807	0	0	0	0.0934517	11.76	0.11427337	0	0.11427337	-0.0043867
140	13	0	0	1.133128	0	0	0	0.0892589	11.76	0.10114174	0	0.10114174	-8.46E-05
140	14	0	0	1.066012	0	0	0	0.090468	11.76	0.09643995	0	0.09643995	-8.59E-05
140	15	0	0	1.150678	0	0	0	0.0904742	11.76	0.10410664	0	0.10410664	4.3249E-06
140	16	0	0	1.274403	0	0	0	0.0901526	11.76	0.11489073	0	0.11489073	3.3316E-06
140	17	0	0	1.538912	0	0	0	0.1109481	11.76	0.17073935	0	0.17073935	-0.0001069
140	18	0	0	1.894388	0	0	0	0.1384942	11.76	0.26236173	0	0.26236173	4.8209E-06
140	19	0	0	1.948803	0	0	0	0.14809	11.76	0.28859827	0	0.28859827	4.6606E-06
140	20	0	0	2.028946	0	0	0	0.1484869	11.76	0.30127201	0	0.30127201	4.2482E-06
140	21	0	0	1.977934	0	0	0	0.151074	11.76	0.29881446	0	0.29881446	5.1867E-06
140	22	0	0	1.774688	0	0	0	0.1628341	11.76	0.28897976	0	0.28897976	6.5222E-06
140	23	0	0.096	1.407962	0	0	0	0.1590895	11.76	0.22399202	0	0.22399202	6.0688E-06
140	24	0	0.096	0.955863	0	0	0	0.1697732	11.76	0.16227993	0	0.16227993	0.00017345
141	1	0	0.096	0.675104	0	0	0	0.16867	11.76	0.11386981	0	0.11386981	0.00017063
141	2	0	0.096	0.566898	0	0	0	0.1723614	11.76	0.0977114	0	0.0977114	0.01896078
141	3	0	0.096	0.562426	0	0	0	0.1649758	11.76	0.09278666	0	0.09278666	0.08248839
141	4	0	0.096	0.648648	0	0	0	0.1679696	11.76	0.10895318	0	0.10895318	0.12077063
141	5	0	0.284	1.017656	0	0	0	0.1558589	11.76	0.15861079	0	0.15861079	0.12188212
141	6	0	0.232	1.338053	0	0	0	0.1156204	11.76	0.15470632	0	0.15470632	0.05827317
141	7	0	0.096	1.710593	0	0	0	0.0981714	11.76	0.16793122	0	0.16793122	0.03131779
141	8	0	0.096	1.490321	0	0	0	0.1016013	11.76	0.15141857	0	0.15141857	0.01818883
141	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
141	10	0	0	1.392286	0	0	0	0.0968076	11.76	0.13478377	0	0.13478377	4.4777E-06
141	11	0	0	1.265271	0	0	0	0.0942621	11.76	0.11926712	0	0.11926712	5.2814E-06
141	12	0	0	1.223807	0	0	0	0.0934517	11.76	0.11436683	0	0.11436683	-8.79E-05
141	13	0	0	1.134128	0	0	0	0.0892589	11.76	0.101231	0	0.101231	-8.461E-05
141	14	0	0	1.066012	0	0	0	0.090468	11.76	0.09643995	0	0.09643995	4.5727E-06
141	15	0	0	1.151678	0	0	0	0.0904742	11.76	0.10419712	0	0.10419712	-8.615E-05
141	16	0	0	1.275403	0	0	0	0.0901526	11.76	0.11498088	0	0.11498088	3.3316E-06
141	17	0	0	1.539912	0	0	0	0.1109481	11.76	0.17085029	0	0.17085029	-0.0001069
141	18	0	0	1.895388	0	0	0	0.1384942	11.76	0.26250023	0	0.26250023	4.8044E-06
141	19	0	0	1.949803	0	0	0	0.14809	11.76	0.28874639	0	0.28874639	4.6606E-06
141	20	0	0	2.029946	0	0	0	0.1484869	11.76	0.30142049	0	0.30142049	4.2482E-06
141	21	0	0	1.978934	0	0	0	0.151074	11.76	0.29896554	0	0.29896554	5.1867E-06
141	22	0	0	1.730688	0	0	0	0.1628341	11.76	0.28181506	0	0.28181506	0.00733407
141	23	0	0	1.358962	0	0	0	0.1590895	11.76	0.21619662	0	0.21619662	-0.000153
141	24	0	0	0.906863	0	0	0	0.1697732	11.76	0.15396103	0	0.15396103	3.6834E-06
142	1	0	0	0.626104	0	0	0	0.16867	11.76	0.10560497	0	0.10560497	1.9604E-06
142	2	0	0	0.516898	0	0	0	0.1723614	11.76	0.08909333	0	0.08909333	0.00017339
142	3	0	0	0.512426	0	0	0	0.1649758	11.76	0.08453786	0	0.08453786	0.01022899
142	4	0	0.096	0.648648	0	0	0	0.1679696	11.76	0.10895318	0	0.10895318	0.04333666
142	5	0	0.096	0.829656	0	0	0	0.1558589	11.76	0.12930932	0	0.12930932	0.04909601
142	6	0	0	1.151053	0	0	0	0.1156204	11.76	0.1330853	0	0.1330853	0.03665215
142	7	0	0	1.660592	0	0	0	0.0981714	11.76	0.16302264	0	0.16302264	0.02100981
142	8	0	0	1.440321	0	0	0	0.1016013	11.76	0.14633851	0	0.14633851	0.00975592
142	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
142	10	0	0	1.346286	0	0	0	0.0968076	11.76	0.13033063	0	0.13033063	0.00445763
142	11	0	0	1.219271	0	0	0	0.0942621	11.76	0.11493106	0	0.11493106	-8.897E-05
142	12	0	0	1.178807	0	0	0	0.0934517	11.76	0.1101615	0	0.1101615	-8.789E-05
142	13	0	0	1.136128	0	0	0	0.0892589	11.76	0.10140952	0	0.10140952	-8.46E-05
142	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
142	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	-8.615E-05
142	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	-8.683E-05
142	17	0	0	1.541912	0	0	0	0.1109481	11.76	0.17107219	0	0.17107219	-0.0001069
142	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	-0.0001337
142	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	-0.0001434
142	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	-0.0001442
142	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	-0.0001459
142	22	0	0	1.777688	0	0	0	0.1628341	11.76	0.28946827	0	0.28946827	-0.0001563
142	23	0	0	1.359962	0	0	0	0.1590895	11.76	0.21635572	0	0.21635572	6.0688E-06
142	24	0	0	0.907863	0	0	0	0.1697732	11.76	0.15413081	0	0.15413081	3.6834E-06
143	1	0	0.172	0.753104	0	0	0	0.16867	11.76	0.12702606	0	0.12702606	0.03491666
143	2	0	0.296	0.767898	0	0	0	0.1723614	11.76	0.13235606	0	0.13235606	0.04274665
143	3	0	0.399	0.866426	0	0	0	0.1649758	11.76	0.1429393	0	0.1429393	0.04701861
143	4	0	0.455	1.007648	0	0	0	0.1679696	11.76	0.16925426	0	0.16925426	0.05022342
143	5	0	0.508	1.241656	0	0	0	0.1558589	11.76	0.19352318	0	0.19352318	0.05112218
143	6	0	0.434	1.540053	0	0	0	0.1156204	11.76	0.17806165	0	0.17806165	0.03156485
143	7	0	0.35	1.964592	0	0	0	0.0981714	11.76	0.19286674	0	0.19286674	0.02218786
143	8	0	0.282	1.676321	0	0	0	0.1016013	11.76	0.17031642	0	0.17031642	0.01666481
143	9	0	0.114	1.490486	0	0	0	0.0981607	11.76	0.14630708	0	0.14630708	0.00942618
143	10	0	0	1.393286	0	0	0	0.0968076	11.76	0.13488059	0	0.13488059	4.4777E-06
143	11	0	0	1.219271	0	0	0	0.0942621	11.76	0.11493106	0	0.11493106	0.00434134
143	12	0	0	1.178807	0	0	0	0.0934517	11.76	0.1101615	0	0.1101615	-8.789E-05

143	13	0	0	1.136128	0	0	0	0.0892589	11.76	0.10140952	0	0.10140952	-8.46E-05
143	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
143	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	-8.615E-05
143	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	-8.683E-05
143	17	0	0.05	1.591912	0	0	0	0.1109481	11.76	0.1766196	0	0.1766196	-0.0001069
143	18	0	0.05	1.947388	0	0	0	0.1384942	11.76	0.26970193	0	0.26970193	0.00637554
143	19	0	0.096	2.047803	0	0	0	0.14809	11.76	0.30325918	0	0.30325918	4.6606E-06
143	20	0	0.096	2.127946	0	0	0	0.1484869	11.76	0.31597221	0	0.31597221	4.2482E-06
143	21	0	0.096	2.076934	0	0	0	0.151074	11.76	0.3137708	0	0.3137708	5.1867E-06
143	22	0	0.139	1.871688	0	0	0	0.1628341	11.76	0.30477467	0	0.30477467	0.03241049
143	23	0	0.356	1.670962	0	0	0	0.1590895	11.76	0.26583257	0	0.26583257	0.04455114
143	24	0	0.497	1.359863	0	0	0	0.1697732	11.76	0.23086829	0	0.23086829	0.05789636
144	1	0	0.567	1.149104	0	0	0	0.16867	11.76	0.19381939	0	0.19381939	0.05650641
144	2	0	0.615	1.086898	0	0	0	0.1723614	11.76	0.18733936	0	0.18733936	0.05567376
144	3	0	0.661	1.128426	0	0	0	0.1649758	11.76	0.18616298	0	0.18616298	0.05658719
144	4	0	0.685	1.237648	0	0	0	0.1679696	11.76	0.20788727	0	0.20788727	0.05677424
144	5	0	0.642	1.375656	0	0	0	0.1558589	11.76	0.21440828	0	0.21440828	0.04738156
144	6	0	0.643	1.749053	0	0	0	0.1156204	11.76	0.20222632	0	0.20222632	0.03954266
144	7	0	0.464	2.078593	0	0	0	0.0981714	11.76	0.20405829	0	0.20405829	0.02385677
144	8	0	0.244	1.638321	0	0	0	0.1016013	11.76	0.16645557	0	0.16645557	0.01280396
144	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
144	10	0	0	1.393286	0	0	0	0.0968076	11.76	0.13488059	0	0.13488059	4.4777E-06
144	11	0	0	1.219271	0	0	0	0.0942621	11.76	0.11493106	0	0.11493106	0.00434134
144	12	0	0	1.177807	0	0	0	0.0934517	11.76	0.11006805	0	0.11006805	5.559E-06
144	13	0	0	1.135128	0	0	0	0.0892589	11.76	0.10132026	0	0.10132026	-8.46E-05
144	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	-8.59E-05
144	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	-8.615E-05
144	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	-8.683E-05
144	17	0	0	1.540912	0	0	0	0.1109481	11.76	0.17096125	0	0.17096125	4.0868E-06
144	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	-0.0001337
144	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	-0.0001434
144	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	-0.0001442
144	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	0.00680351
144	22	0	0	1.777688	0	0	0	0.1628341	11.76	0.28946827	0	0.28946827	-0.0001563
144	23	0	0.096	1.409962	0	0	0	0.1590895	11.76	0.22431019	0	0.22431019	6.0877E-06
144	24	0	0.096	0.957863	0	0	0	0.1697732	11.76	0.16261947	0	0.16261947	3.6834E-06
145	1	0	0.176	0.758104	0	0	0	0.16867	11.76	0.12786941	0	0.12786941	0.03542266
145	2	0	0.295	0.766898	0	0	0	0.1723614	11.76	0.13218369	0	0.13218369	0.04222958
145	3	0	0.39	0.857426	0	0	0	0.1649758	11.76	0.14145452	0	0.14145452	0.04487391
145	4	0	0.449	1.001648	0	0	0	0.1679696	11.76	0.16824646	0	0.16824646	0.04820775
145	5	0	0.499	1.232656	0	0	0	0.1558589	11.76	0.19212046	0	0.19212046	0.04613468
145	6	0	0.186	1.292053	0	0	0	0.1156204	11.76	0.14938778	0	0.14938778	0.01445302
145	7	0	0	1.660592	0	0	0	0.0981714	11.76	0.16302264	0	0.16302264	1.1235E-06
145	8	0	0	1.439321	0	0	0	0.1016013	11.76	0.14623691	0	0.14623691	0.0001038
145	9	0	0	1.421486	0	0	0	0.0981607	11.76	0.13953399	0	0.13953399	2.7499E-06
145	10	0	0	1.345286	0	0	0	0.0968076	11.76	0.13023381	0	0.13023381	4.4892E-06
145	11	0	0	1.218271	0	0	0	0.0942621	11.76	0.11483679	0	0.11483679	-8.897E-05
145	12	0	0	1.177807	0	0	0	0.0934517	11.76	0.11006805	0	0.11006805	-8.789E-05
145	13	0	0	1.135128	0	0	0	0.0892589	11.76	0.10132026	0	0.10132026	-8.46E-05
145	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	-8.59E-05
145	15	0	0	1.153678	0	0	0	0.0904742	11.76	0.10437807	0	0.10437807	-8.615E-05
145	16	0	0	1.277403	0	0	0	0.0901526	11.76	0.11516119	0	0.11516119	-8.683E-05
145	17	0	0	1.540912	0	0	0	0.1109481	11.76	0.17096125	0	0.17096125	4.0868E-06
145	18	0	0	1.897388	0	0	0	0.1384942	11.76	0.26277721	0	0.26277721	-0.0001337
145	19	0	0	1.951803	0	0	0	0.14809	11.76	0.28904255	0	0.28904255	-0.0001434
145	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	-0.0001442
145	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	-0.0001459
145	22	0	0	1.777688	0	0	0	0.1628341	11.76	0.28946827	0	0.28946827	-0.0001563
145	23	0	0	1.359962	0	0	0	0.1590895	11.76	0.21635572	0	0.21635572	-0.000153
145	24	0	0	0.907863	0	0	0	0.1697732	11.76	0.15413081	0	0.15413081	3.6834E-06
146	1	0	0	0.627104	0	0	0	0.16867	11.76	0.10577364	0	0.10577364	1.9604E-06
146	2	0	0	0.517898	0	0	0	0.1723614	11.76	0.08926569	0	0.08926569	0.04222958
146	3	0	0.144	0.611426	0	0	0	0.1649758	11.76	0.10087047	0	0.10087047	0.04355411
146	4	0	0.22	0.772648	0	0	0	0.1679696	11.76	0.1297814	0	0.1297814	0.04468042
146	5	0	0.226	0.959656	0	0	0	0.1558589	11.76	0.14957097	0	0.14957097	0.03740659
146	6	0	0.198	1.304053	0	0	0	0.1156204	11.76	0.15077522	0	0.15077522	0.02370266
146	7	0	0.166	1.780592	0	0	0	0.0981714	11.76	0.17480321	0	0.17480321	0.01610123
146	8	0	0.078	1.472321	0	0	0	0.1016013	11.76	0.14958975	0	0.14958975	0.00975593
146	9	0	0	1.422486	0	0	0	0.0981607	11.76	0.13963215	0	0.13963215	2.7499E-06
146	10	0	0	1.393286	0	0	0	0.0968076	11.76	0.13488059	0	0.13488059	4.4777E-06
146	11	0	0	1.265271	0	0	0	0.0942621	11.76	0.11926712	0	0.11926712	5.2814E-06
146	12	0	0	1.224807	0	0	0	0.0934517	11.76	0.11446027	0	0.11446027	5.5702E-06
146	13	0	0	1.181128	0	0	0	0.0892589	11.76	0.10542617	0	0.10542617	4.6499E-06
146	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
146	15	0	0	1.152678	0	0	0	0.0904742	11.76	0.1042876	0	0.1042876	4.3141E-06
146	16	0	0	1.276403	0	0	0	0.0901526	11.76	0.11507104	0	0.11507104	3.3316E-06
146	17	0	0	1.540912	0	0	0	0.1109481	11.76	0.17096125	0	0.17096125	-0.0001069
146	18	0	0	1.896388	0	0	0	0.1384942	11.76	0.26263873	0	0.26263873	0.00637552
146	19	0	0	1.996803	0	0	0	0.14809	11.76	0.29570661	0	0.29570661	4.6606E-06
146	20	0	0	2.076946	0	0	0	0.1484869	11.76	0.3083994	0	0.3083994	4.2482E-06
146	21	0	0	2.026934	0	0	0	0.151074	11.76	0.30621707	0	0.30621707	-0.0001459
146	22	0	0	1.777688	0	0	0	0.1628341	11.76	0.28946827	0	0.28946827	6.5222E-06
146	23	0	0	1.359962	0	0	0	0.1590895	11.76	0.21635572	0	0.21635572	6.0688E-06
146	24	0	0.096	0.957863	0	0	0	0.1697732	11.76	0.16261947	0	0.16261947	0.0125669
147	1	0	0.268	0.850104	0	0	0	0.16867	11.76	0.14338705	0	0.14338705	0.04267549
147	2	0	0.422	0.893898	0	0	0	0.1723614	11.76	0.1540736	0	0.1540736	0.05257127
147	3	0	0.485	0.952426	0	0	0	0.1649758	11.76	0.15712723	0	0.15712723	0.04784348
147	4	0	0.545	1.097648	0	0	0	0.1679696	11.76	0.18437153	0	0.18437153	0.05106327
147	5	0	0.552	1.285656	0	0	0	0.1558589	11.76	0.20038097	0	0.20038097	0.04769329
147	6	0	0.539	1.645054	0	0	0	0.1156204	11.76	0.1902018	0	0.1902018	0.03133361
147	7	0	0.536	2.150593	0	0	0	0.0981714	11.76	0.21112663	0	0.21112663	0.02523116
147	8	0	0.464	1.858321	0	0	0	0.1016013	11.76	0.18880787	0	0.18880787	0.02083048
147	9	0	0.356	1.732486	0	0	0	0.0981607	11.76	0.17006196	0	0.17006196	0.01354892
147	10	0	0.092	1.439286	0	0	0	0.0968076	11.76	0.13933373	0	0.13933373	0.00135979
147	11	0	0	1.266271	0	0	0	0.0942621	11.76	0.11936137	0	0.11936137	5.2926E-06
147	12	0	0	1.224807	0	0	0	0.0934517	11.76	0.11446027	0	0.11446027	5.5702E-06
147	13	0	0	1.182128	0	0	0	0.0892589	11.76	0.10551543	0	0.10551543	4.6499E-06
147	14	0	0	1.068012	0	0	0	0.090468	11.76	0.09662089	0	0.09662089	4.5727E-06
147	15	0	0	1.152678	0	0	0	0.0904742	11.76	0.1042876	0	0.1042876	-8.615E-05
147	16	0	0	1.276403	0	0	0	0.0901526	11.76	0.11507104	0	0.11507104	-8.683E-05
147	17	0	0	1.539912	0	0	0	0.1109481	11.76	0.17085029	0	0.17085029	4.0868E-06
147	18	0	0	1.896388	0	0	0	0.1384942	11.76	0.26263873	0	0.26263873	-0.0001337
147	19	0	0	1.950803	0	0	0	0.14809	11.76	0.28889447	0	0.28889447	4.6606E-06
147	20	0	0	2.030946	0	0	0	0.1484869	11.76	0.301569	0	0.301569	4.2482E-06
147	21	0	0	1.979934	0	0	0	0.151074	11.76	0.29911661	0	0.29911661	0.00695459
147	22	0	0	1.776688	0	0	0	0.1628341	11.76	0.28930543	0	0.28930543	6.5222E-06
147	23	0	0.096	1.408962	0	0	0	0.1590895	11.76	0.22415109	0	0.22415109	6.0877E-06
147	24	0	0.096	0.957863	0	0	0	0.1697732	11.76	0.16261947	0	0.16261947	3.6834E-06
148	1	0	0.096	0.677104	0	0	0	0.16867	11.76	0.11420714	0	0.11420714	0.01366424
148	2	0	0.152	0.623898	0	0	0	0.1723614	11.76	0.107536	0	0.107536	0.04757279
148	3	0	0.291	0.758426	0	0	0	0.1649758	11.76	0.12512192	0	0.12512192	0.04932825
148	4	0	0.368	0.920648	0	0	0	0.1679696	11.76	0.1546409	0	0.1546409	0.0487117
148	5	0	0.394	1.127656	0	0	0	0.1558589	11.76	0.17575527	0	0.17575527	0.04426438
148	6	0	0.401	1.507053	0	0	0	0.1156204	11.76	0.17424616	0	0.17424616	0.03029303
148	7	0	0.417	2.031592	0	0	0	0.0981714	11.76	0.19944422	0	0.19944422	0.0244458
148	8	0	0.416	1.810321	0	0	0	0.1016013	11.76	0.18393101	0	0.18393101	0.02296409
148	9	0	0.144	1.520486	0	0	0	0.0981607	11.76	0.14925191	0	0.14925191	0.00864088
148	10	0	0.109	1.456286	0	0	0	0.0968076	11.76	0.14097946	0	0.14097946	0.00581294

148	11	0	0	1.266271	0	0	0	0.0942621	11.76	0.11936137	0	0.11936137	0.00434135
148	12	0	0	1.225807	0	0	0	0.0934517	11.76	0.11455373	0	0.11455373	5.559E-06
148	13	0	0	1.183128	0	0	0	0.0892589	11.76	0.10560469	0	0.10560469	4.6499E-06
148	14	0	0	1.115012	0	0	0	0.090468	11.76	0.10087289	0	0.10087289	4.5619E-06
148	15	0	0	1.200678	0	0	0	0.0904742	11.76	0.10863036	0	0.10863036	4.3141E-06
148	16	0	0	1.324403	0	0	0	0.0901526	11.76	0.11939836	0	0.11939836	-8.681E-05
148	17	0	0	1.587912	0	0	0	0.1109481	11.76	0.1761758	0	0.1761758	4.0868E-06
148	18	0	0	1.944388	0	0	0	0.1384942	11.76	0.26928645	0	0.26928645	-0.0001337
148	19	0	0.096	2.048803	0	0	0	0.14809	11.76	0.3034073	0	0.3034073	-0.0001435
148	20	0	0.096	2.128947	0	0	0	0.1484869	11.76	0.31612072	0	0.31612072	4.2482E-06
148	21	0	0.096	2.077934	0	0	0	0.151074	11.76	0.31392187	0	0.31392187	5.1867E-06
148	22	0	0.208	1.940688	0	0	0	0.1628341	11.76	0.31601022	0	0.31601022	0.01449875
148	23	0	0.324	1.638962	0	0	0	0.1590895	11.76	0.26074169	0	0.26074169	0.02291497
148	24	0	0.414	1.276863	0	0	0	0.1697732	11.76	0.21677712	0	0.21677712	0.03056285
149	1	0	0.47	1.052104	0	0	0	0.16867	11.76	0.1774584	0	0.1774584	0.03390464
149	2	0	0.504	0.975898	0	0	0	0.1723614	11.76	0.16820723	0	0.16820723	0.03619694
149	3	0	0.522	0.989426	0	0	0	0.1649758	11.76	0.16323134	0	0.16323134	0.03629517
149	4	0	0.528	1.080648	0	0	0	0.1679696	11.76	0.18151605	0	0.18151605	0.03477019
149	5	0	0.493	1.226656	0	0	0	0.1558589	11.76	0.1911853	0	0.1911853	0.03023709
149	6	0	0.392	1.498053	0	0	0	0.1156204	11.76	0.17320559	0	0.17320559	0.01965595
149	7	0	0.345	1.959593	0	0	0	0.0981714	11.76	0.1923759	0	0.1923759	0.01315609
149	8	0	0.213	1.607321	0	0	0	0.1016013	11.76	0.16330593	0	0.16330593	0.00599668
149	9	0	0.235	1.611486	0	0	0	0.0981607	11.76	0.15818452	0	0.15818452	0.00726664
149	10	0	0.08	1.427286	0	0	0	0.0968076	11.76	0.13817205	0	0.13817205	-0.003287
149	11	0	0	1.266271	0	0	0	0.0942621	11.76	0.11936137	0	0.11936137	5.2926E-06
149	12	0	0	1.224807	0	0	0	0.0934517	11.76	0.11446027	0	0.11446027	5.5702E-06
149	13	0	0	1.182128	0	0	0	0.0892589	11.76	0.10551543	0	0.10551543	-8.461E-05
149	14	0	0	1.114012	0	0	0	0.090468	11.76	0.10078242	0	0.10078242	-0.0042474
149	15	0	0	1.151678	0	0	0	0.0904742	11.76	0.10419712	0	0.10419712	-8.615E-05
149	16	0	0	1.275403	0	0	0	0.0901526	11.76	0.11498088	0	0.11498088	-8.681E-05
149	17	0	0	1.538912	0	0	0	0.1109481	11.76	0.17073935	0	0.17073935	4.0736E-06
149	18	0	0	1.895388	0	0	0	0.1384942	11.76	0.26250023	0	0.26250023	-0.0001337
149	19	0	0	1.949803	0	0	0	0.14809	11.76	0.28874639	0	0.28874639	-0.0001435
149	20	0	0	2.029946	0	0	0	0.1484869	11.76	0.30142049	0	0.30142049	-0.0001442
149	21	0	0	1.977934	0	0	0	0.151074	11.76	0.29881446	0	0.29881446	5.1867E-06
149	22	0	0	1.774688	0	0	0	0.1628341	11.76	0.28897976	0	0.28897976	6.5222E-06
149	23	0	0	1.357962	0	0	0	0.1590895	11.76	0.21603753	0	0.21603753	-0.000153
149	24	0	0	0.905863	0	0	0	0.1697732	11.76	0.15379126	0	0.15379126	3.6834E-06
150	1	0	0	0.625104	0	0	0	0.16867	11.76	0.1054363	0	0.1054363	1.9604E-06
150	2	0	0	0.515898	0	0	0	0.1723614	11.76	0.08892097	0	0.08892097	0.00017339
150	3	0	0	0.512426	0	0	0	0.1649758	11.76	0.08453786	0	0.08453786	4.8183E-07
150	4	0	0	0.597648	0	0	0	0.1679696	11.76	0.10038673	0	0.10038673	0.00016847
150	5	0	0	0.778656	0	0	0	0.1558589	11.76	0.1213605	0	0.1213605	0.01137816
150	6	0	0	1.151053	0	0	0	0.1156204	11.76	0.1330853	0	0.1330853	0.01630295
150	7	0	0	1.660592	0	0	0	0.0981714	11.76	0.16302264	0	0.16302264	0.0076585
150	8	0	0	1.439321	0	0	0	0.1016013	11.76	0.14623691	0	0.14623691	0.0001038
150	9	0	0	1.421486	0	0	0	0.0981607	11.76	0.13953399	0	0.13953399	0.00010092
150	10	0	0	1.391286	0	0	0	0.0968076	11.76	0.13468696	0	0.13468696	0.00010129
150	11	0	0	1.263271	0	0	0	0.0942621	11.76	0.11907859	0	0.11907859	9.9548E-05
150	12	0	0	1.175807	0	0	0	0.0934517	11.76	0.10988115	0	0.10988115	5.559E-06
150	13	0	0	1.133128	0	0	0	0.0892589	11.76	0.10114174	0	0.10114174	4.6499E-06
150	14	0	0	1.066012	0	0	0	0.090468	11.76	0.09643995	0	0.09643995	4.5727E-06
150	15	0	0	1.151678	0	0	0	0.0904742	11.76	0.10419712	0	0.10419712	-8.615E-05
150	16	0	0	1.275403	0	0	0	0.0901526	11.76	0.11498088	0	0.11498088	3.3316E-06
150	17	0	0	1.538912	0	0	0	0.1109481	11.76	0.17073935	0	0.17073935	4.0736E-06
150	18	0	0	1.895388	0	0	0	0.1384942	11.76	0.26250023	0	0.26250023	4.8044E-06
150	19	0	0	1.949803	0	0	0	0.14809	11.76	0.28874639	0	0.28874639	4.6606E-06
150	20	0	0	2.029946	0	0	0	0.1484869	11.76	0.30142049	0	0.30142049	4.2482E-06
150	21	0	0	1.978934	0	0	0	0.151074	11.76	0.29896554	0	0.29896554	5.1867E-06
150	22	0	0	1.729688	0	0	0	0.1628341	11.76	0.28165224	0	0.28165224	0.00749689
150	23	0	0	1.357962	0	0	0	0.1590895	11.76	0.21603753	0	0.21603753	6.0877E-06
150	24	0	0	0.905863	0	0	0	0.1697732	11.76	0.15379126	0	0.15379126	3.6834E-06
151	1	0	0	0.625104	0	0	0	0.16867	11.76	0.1054363	0	0.1054363	0.00017063
151	2	0	0	0.515898	0	0	0	0.1723614	11.76	0.08892097	0	0.08892097	0.00017339
151	3	0	0	0.512426	0	0	0	0.1649758	11.76	0.08453786	0	0.08453786	4.8183E-07
151	4	0	0	0.597648	0	0	0	0.1679696	11.76	0.10038673	0	0.10038673	0.00016847
151	5	0	0	0.778656	0	0	0	0.1558589	11.76	0.1213605	0	0.1213605	0.01714494
151	6	0	0	1.151053	0	0	0	0.1156204	11.76	0.1330853	0	0.1330853	0.00011609
151	7	0	0	1.659593	0	0	0	0.0981714	11.76	0.16292448	0	0.16292448	9.9288E-05
151	8	0	0	1.439321	0	0	0	0.1016013	11.76	0.14623691	0	0.14623691	0.0001038
151	9	0	0	1.374486	0	0	0	0.0981607	11.76	0.13492044	0	0.13492044	0.0046163
151	10	0	0	1.344286	0	0	0	0.0968076	11.76	0.13013701	0	0.13013701	0.00010129
151	11	0	0	1.218271	0	0	0	0.0942621	11.76	0.11483679	0	0.11483679	-8.897E-05
151	12	0	0	1.177807	0	0	0	0.0934517	11.76	0.11006805	0	0.11006805	-8.789E-05
151	13	0	0	1.135128	0	0	0	0.0892589	11.76	0.10132026	0	0.10132026	-8.46E-05
151	14	0	0	1.067012	0	0	0	0.090468	11.76	0.09653042	0	0.09653042	4.5727E-06
151	15	0	0	1.198678	0	0	0	0.0904742	11.76	0.10844941	0	0.10844941	-0.0041575
151	16	0	0	1.272403	0	0	0	0.0901526	11.76	0.11471042	0	0.11471042	0.00018365
151	17	0	0	1.538912	0	0	0	0.1109481	11.76	0.17073935	0	0.17073935	4.0736E-06
151	18	0	0	1.894388	0	0	0	0.1384942	11.76	0.26236173	0	0.26236173	4.8209E-06
151	19	0	0	1.950803	0	0	0	0.14809	11.76	0.28889447	0	0.28889447	4.6606E-06
151	20	0	0	2.031946	0	0	0	0.1484869	11.76	0.30171747	0	0.30171747	4.2482E-06
151	21	0	0	1.980934	0	0	0	0.151074	11.76	0.29926769	0	0.29926769	5.1867E-06
151	22	0	0	1.731688	0	0	0	0.1628341	11.76	0.2819779	0	0.2819779	6.5222E-06
151	23	0	0	1.313962	0	0	0	0.1590895	11.76	0.2090376	0	0.2090376	6.0688E-06
151	24	0	0	0.861863	0	0	0	0.1697732	11.76	0.14632125	0	0.14632125	0.00781324
152	1	0	0	0.622104	0	0	0	0.224221	11.76	0.13948878	0	0.13948878	2.6061E-06
152	2	0	0	0.516898	0	0	0	0.2267114	11.76	0.11718671	0	0.11718671	0.00022806
152	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.03082075
152	4	0	0.096	0.648648	0	0	0	0.227197	11.76	0.14737094	0	0.14737094	0.08020121
152	5	0	0.096	0.821656	0	0	0	0.2010126	11.76	0.16516328	0	0.16516328	0.07919956
152	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	0.03931413
152	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	0.00014676
152	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	0.00654636
152	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
152	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
152	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
152	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
152	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
152	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
152	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
152	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
152	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
152	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
152	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
152	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
152	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
152	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
152	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	0.01010136
152	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
153	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	2.6061E-06
153	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	0.05463879
153	3	0	0.074	0.541426	0	0	0	0.2426774	11.76	0.13139178	0	0.13139178	0.08396709
153	4	0	0.187	0.739648	0	0	0	0.227197	11.76	0.16804586	0	0.16804586	0.0770205
153	5	0	0.193	0.918656	0	0	0	0.2010126	11.76	0.18466151	0	0.18466151	0.05990234
153	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	0.02920494
153	7	0	0	1.620592	0	0	0	0.1450928	11.76	0.23513637	0	0.23513637	1.6605E-06
153	8	0	0	1.407321	0	0	0	0.1392201	11.76	0.19592736	0	0.19592736	3.0039E-06

153	9	0	0	1.342486	0	0	0	0.1383281	11.76	0.18570354	0	0.18570354	3.8587E-06
153	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
153	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
153	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
153	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
153	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
153	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
153	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
153	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
153	18	0	0	1.912388	0	0	0	0.1795185	11.76	0.34330891	0	0.34330891	6.2275E-06
153	19	0	0	1.915803	0	0	0	0.2021408	11.76	0.38726194	0	0.38726194	-0.0001958
153	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
153	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
153	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
153	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
153	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
154	1	0	0	0.622104	0	0	0	0.224221	11.76	0.13948878	0	0.13948878	0.00022682
154	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	1.3513E-06
154	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.02548184
154	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.04453131
154	5	0	0	0.771656	0	0	0	0.2010126	11.76	0.15511265	0	0.15511265	0.03296667
154	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	0.015726
154	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	0.00014676
154	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
154	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
154	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
154	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
154	12	0	0	1.197807	0	0	0	0.1219274	11.76	0.14604549	0	0.14604549	7.2529E-06
154	13	0	0	1.110128	0	0	0	0.1164608	11.76	0.12928634	0	0.12928634	6.067E-06
154	14	0	0	1.094012	0	0	0	0.1105518	11.76	0.12094495	0	0.12094495	5.5746E-06
154	15	0	0	1.132678	0	0	0	0.1135785	11.76	0.12864792	0	0.12864792	-0.0001082
154	16	0	0	1.302403	0	0	0	0.1175634	11.76	0.15311495	0	0.15311495	4.3445E-06
154	17	0	0	1.511912	0	0	0	0.1334333	11.76	0.20173942	0	0.20173942	4.9151E-06
154	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
154	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
154	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
154	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
154	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
154	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
154	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	0.01002385
155	1	0	0	0.622104	0	0	0	0.224221	11.76	0.13948878	0	0.13948878	0.00022682
155	2	0	0	0.516898	0	0	0	0.2267114	11.76	0.11718671	0	0.11718671	0.00022806
155	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.01528939
155	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.04521289
155	5	0	0	0.771656	0	0	0	0.2010126	11.76	0.15511265	0	0.15511265	0.0464345
155	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	0.03313628
155	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	0.02756931
155	8	0	0	1.407321	0	0	0	0.1392201	11.76	0.19592736	0	0.19592736	0.01879772
155	9	0	0	1.388486	0	0	0	0.1383281	11.76	0.19206662	0	0.19206662	0.00014221
155	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
155	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
155	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
155	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
155	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
155	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
155	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
155	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
155	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
155	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
155	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
155	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
155	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
155	23	0	0	1.338962	0	0	0	0.2194127	11.76	0.29378527	0	0.29378527	8.3699E-06
155	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
156	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	0.01547386
156	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	0.05418537
156	3	0	0.113	0.580426	0	0	0	0.2426774	11.76	0.14085621	0	0.14085621	0.06843574
156	4	0	0.197	0.749648	0	0	0	0.227197	11.76	0.17031783	0	0.17031783	0.0606623
156	5	0	0.196	0.921656	0	0	0	0.2010126	11.76	0.18526455	0	0.18526455	0.04804259
156	6	0	0.16	1.249053	0	0	0	0.1404055	11.76	0.17537401	0	0.17537401	0.02780087
156	7	0	0.103	1.677593	0	0	0	0.1450928	11.76	0.24340667	0	0.24340667	0.01973429
156	8	0	0	1.407321	0	0	0	0.1392201	11.76	0.19592736	0	0.19592736	0.00779933
156	9	0	0	1.388486	0	0	0	0.1383281	11.76	0.19206662	0	0.19206662	0.00014221
156	10	0	0	1.360286	0	0	0	0.1313059	11.76	0.17861353	0	0.17861353	6.0733E-06
156	11	0	0	1.236271	0	0	0	0.124893	11.76	0.15440168	0	0.15440168	-0.0057381
156	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
156	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
156	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
156	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
156	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
156	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
156	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
156	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
156	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
156	21	0	0	1.998934	0	0	0	0.2045925	11.76	0.40896704	0	0.40896704	7.0241E-06
156	22	0	0	1.752688	0	0	0	0.2175441	11.76	0.38128703	0	0.38128703	0.00022624
156	23	0	0	1.338962	0	0	0	0.2194127	11.76	0.29378527	0	0.29378527	8.3699E-06
156	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	0.02309225
157	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	0.05157344
157	2	0	0.163	0.634898	0	0	0	0.2267114	11.76	0.14393866	0	0.14393866	0.04625045
157	3	0	0.204	0.671426	0	0	0	0.2426774	11.76	0.16293984	0	0.16293984	0.04708014
157	4	0	0.269	0.821648	0	0	0	0.227197	11.76	0.18667602	0	0.18667602	0.04862084
157	5	0	0.251	0.976656	0	0	0	0.2010126	11.76	0.19632024	0	0.19632024	0.03738895
157	6	0	0.23	1.319053	0	0	0	0.1404055	11.76	0.18520239	0	0.18520239	0.02260588
157	7	0	0.176	1.750592	0	0	0	0.1450928	11.76	0.25399844	0	0.25399844	0.01857355
157	8	0	0.094	1.455321	0	0	0	0.1392201	11.76	0.20260992	0	0.20260992	0.00905232
157	9	0	0	1.389486	0	0	0	0.1383281	11.76	0.19220495	0	0.19220495	3.8751E-06
157	10	0	0	1.314286	0	0	0	0.1313059	11.76	0.17257345	0	0.17257345	-0.0001252
157	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
157	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
157	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
157	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
157	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
157	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
157	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
157	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
157	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
157	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
157	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	0.00941828
157	22	0	0	1.752688	0	0	0	0.2175441	11.76	0.38128703	0	0.38128703	0.00022624
157	23	0	0	1.338962	0	0	0	0.2194127	11.76	0.29378527	0	0.29378527	8.3699E-06
157	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	0.05707014
158	1	0	0.171	0.749104	0	0	0	0.224221	11.76	0.16796485	0	0.16796485	0.06816578
158	2	0	0.265	0.736898	0	0	0	0.2267114	11.76	0.16706321	0	0.16706321	0.06688119
158	3	0	0.311	0.778426	0	0	0	0.2426774	11.76	0.18890632	0	0.18890632	0.06746504
158	4	0	0.348	0.900648	0	0	0	0.227197	11.76	0.20462458	0	0.20462458	0.0606623
158	5	0	0.316	1.041656	0	0	0	0.2010126	11.76	0.20938607	0	0.20938607	0.04884665
158	6	0	0.22	1.309053	0	0	0	0.1404055	11.76	0.18379834	0	0.18379834	0.02443113

158	7	0	0.108	1.682593	0	0	0	0.1450928	11.76	0.24413213	0	0.24413213	0.01407567
158	8	0	0	1.407321	0	0	0	0.1392201	11.76	0.19592736	0	0.19592736	3.0039E-06
158	9	0	0	1.388486	0	0	0	0.1383281	11.76	0.19206662	0	0.19206662	3.8751E-06
158	10	0	0	1.359286	0	0	0	0.1313059	11.76	0.17848221	0	0.17848221	6.0733E-06
158	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
158	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
158	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	-0.0001104
158	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
158	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
158	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
158	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
158	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
158	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
158	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
158	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
158	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	0.01001574
158	23	0	0	1.338962	0	0	0	0.2194127	11.76	0.29378527	0	0.29378527	8.3699E-06
158	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
159	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	0.02063094
159	2	0	0.103	0.574898	0	0	0	0.2267114	11.76	0.13033597	0	0.13033597	0.05123811
159	3	0	0.19	0.657426	0	0	0	0.2426774	11.76	0.15954236	0	0.15954236	0.05557383
159	4	0	0.243	0.795648	0	0	0	0.227197	11.76	0.18076889	0	0.18076889	0.0515744
159	5	0	0.252	0.977656	0	0	0	0.2010126	11.76	0.19652126	0	0.19652126	0.04422336
159	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	5.8582E-07
159	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	1.6605E-06
159	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
159	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
159	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	-0.0001252
159	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
159	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
159	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	-0.0001104
159	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
159	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
159	16	0	0	1.301403	0	0	0	0.1175634	11.76	0.15299738	0	0.15299738	4.3445E-06
159	17	0	0	1.512912	0	0	0	0.1334333	11.76	0.20187286	0	0.20187286	-0.0001285
159	18	0	0	1.912388	0	0	0	0.1795185	11.76	0.34330891	0	0.34330891	6.2275E-06
159	19	0	0	1.914803	0	0	0	0.2021408	11.76	0.38705981	0	0.38705981	-0.0001958
159	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
159	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
159	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
159	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	0.00988196
159	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	-0.0002131
160	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	2.6061E-06
160	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	1.3513E-06
160	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.01771616
160	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.05112
160	5	0	0	0.771656	0	0	0	0.2010126	11.76	0.15511265	0	0.15511265	0.0464345
160	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	5.8582E-07
160	7	0	0	1.573592	0	0	0	0.1450928	11.76	0.228317	0	0.228317	0.00667593
160	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
160	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
160	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
160	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
160	12	0	0	1.197807	0	0	0	0.1219274	11.76	0.14604549	0	0.14604549	7.2529E-06
160	13	0	0	1.110128	0	0	0	0.1164608	11.76	0.12928634	0	0.12928634	-0.0001104
160	14	0	0	1.047012	0	0	0	0.1105518	11.76	0.11574901	0	0.11574901	5.5878E-06
160	15	0	0	1.132678	0	0	0	0.1135785	11.76	0.12864792	0	0.12864792	5.4158E-06
160	16	0.22	0	1.472403	0	0	0	0.1175634	11.76	0.17310073	0	0.17310073	0.06066708
160	17	0	0	1.509912	0	0	0	0.1334333	11.76	0.20147256	0	0.20147256	4.9151E-06
160	18	0	0	1.863388	0	0	0	0.1795185	11.76	0.33451252	0	0.33451252	6.2061E-06
160	19	0.51	0	2.422803	0	0	0	0.2021408	11.76	0.48974738	0	0.48974738	0.08712901
160	20	0	0	1.995946	0	0	0	0.2033851	11.76	0.40594572	0	0.40594572	5.8189E-06
160	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
160	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
160	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
160	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
161	1	0	0	0.576104	0	0	0	0.224221	11.76	0.12917461	0	0.12917461	0.01031677
161	2	0	0	0.470898	0	0	0	0.2267114	11.76	0.10675799	0	0.10675799	0.01043007
161	3	0	0	0.466426	0	0	0	0.2426774	11.76	0.11319098	0	0.11319098	0.01140654
161	4	0	0	0.597648	0	0	0	0.227197	11.76	0.13578389	0	0.13578389	0.00022787
161	5	0	0	0.770656	0	0	0	0.2010126	11.76	0.15491164	0	0.15491164	0.0002016
161	6	0	0	1.088053	0	0	0	0.1404055	11.76	0.15276872	0	0.15276872	0.00659964
161	7	0	0	1.572592	0	0	0	0.1450928	11.76	0.22817192	0	0.22817192	0.00014674
161	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
161	9	0	0	1.387486	0	0	0	0.1383281	11.76	0.1919283	0	0.1919283	3.8751E-06
161	10	0	0	1.311286	0	0	0	0.1313059	11.76	0.17217953	0	0.17217953	6.0733E-06
161	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
161	12	0	0	1.150807	0	0	0	0.1219274	11.76	0.1403149	0	0.1403149	7.2674E-06
161	13	0	0	1.110128	0	0	0	0.1164608	11.76	0.12928634	0	0.12928634	-0.0001104
161	14	0	0	1.045012	0	0	0	0.1105518	11.76	0.11552791	0	0.11552791	5.5878E-06
161	15	0	0	1.130678	0	0	0	0.1135785	11.76	0.12842075	0	0.12842075	5.4294E-06
161	16	0	0	1.251403	0	0	0	0.1175634	11.76	0.14711921	0	0.14711921	4.3445E-06
161	17	0.382	0	1.892912	0	0	0	0.1334333	11.76	0.25257751	0	0.25257751	0.05978302
161	18	0	0	1.861388	0	0	0	0.1795185	11.76	0.33415347	0	0.33415347	6.2489E-06
161	19	0	0	1.914803	0	0	0	0.2021408	11.76	0.38705981	0	0.38705981	6.3616E-06
161	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
161	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
161	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
161	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
161	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
162	1	0	0	0.576104	0	0	0	0.224221	11.76	0.12917461	0	0.12917461	0.01031677
162	2	0	0	0.470898	0	0	0	0.2267114	11.76	0.10675799	0	0.10675799	0.01043007
162	3	0	0	0.512426	0	0	0	0.2426774	11.76	0.12435414	0	0.12435414	0.00024338
162	4	0	0	0.597648	0	0	0	0.227197	11.76	0.13578389	0	0.13578389	0.00022787
162	5	0	0	0.770656	0	0	0	0.2010126	11.76	0.15491164	0	0.15491164	0.0002016
162	6	0	0	1.134053	0	0	0	0.1404055	11.76	0.15922738	0	0.15922738	0.00014098
162	7	0	0	1.618593	0	0	0	0.1450928	11.76	0.23484619	0	0.23484619	0.00014674
162	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	0.00654636
162	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	0.00650529
162	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
162	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
162	12	0	0	1.196807	0	0	0	0.1219274	11.76	0.14592356	0	0.14592356	7.2674E-06
162	13	0	0	1.110128	0	0	0	0.1164608	11.76	0.12928634	0	0.12928634	-0.0001104
162	14	0	0	1.047012	0	0	0	0.1105518	11.76	0.11574901	0	0.11574901	5.5878E-06
162	15	0	0	1.132678	0	0	0	0.1135785	11.76	0.12864792	0	0.12864792	5.4158E-06
162	16	0	0	1.252403	0	0	0	0.1175634	11.76	0.14723677	0	0.14723677	4.3445E-06
162	17	0	0	1.512912	0	0	0	0.1334333	11.76	0.20187286	0	0.20187286	4.9151E-06
162	18	0	0	1.863388	0	0	0	0.1795185	11.76	0.33451252	0	0.33451252	6.2061E-06
162	19	0	0	1.915803	0	0	0	0.2021408	11.76	0.38726194	0	0.38726194	6.3616E-06
162	20	0	0	1.998946	0	0	0	0.2033851	11.76	0.40655588	0	0.40655588	5.8189E-06
162	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
162	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
162	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
162	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
163	1	0	0	0.576104	0	0	0	0.224221	11.76	0.12917461	0	0.12917461	0.01031677
163	2	0	0	0.470898	0	0	0	0.2267114	11.76	0.10675799	0	0.10675799	0.01043007
163	3	0	0	0.512426	0	0	0	0.2426774	11.76	0.12435414	0	0.12435414	0.00024338
163	4	0	0	0.597648	0	0	0	0.227197	11.76	0.13578389	0	0.13578389	0.00022787

163	5	0	0	0.770656	0	0	0	0.2010126	11.76	0.15491164	0	0.15491164	5.8708E-07
163	6	0	0	1.088053	0	0	0	0.1404055	11.76	0.15276872	0	0.15276872	0.00659964
163	7	0	0	1.572592	0	0	0	0.1450928	11.76	0.22817192	0	0.22817192	0.00014674
163	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
163	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
163	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
163	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
163	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
163	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
163	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
163	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
163	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
163	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
163	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
163	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
163	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
163	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
163	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
163	23	0	0	1.338962	0	0	0	0.2194127	11.76	0.29378527	0	0.29378527	8.3699E-06
163	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
164	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	0.01637074
164	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	0.06212026
164	3	0	0.15	0.617426	0	0	0	0.2426774	11.76	0.14983526	0	0.14983526	0.08420978
164	4	0	0.17	0.722648	0	0	0	0.227197	11.76	0.16418352	0	0.16418352	0.0590719
164	5	0	0.163	0.888656	0	0	0	0.2010126	11.76	0.17863113	0	0.17863113	0.04301729
164	6	0	0.159	1.248053	0	0	0	0.1404055	11.76	0.1752336	0	0.1752336	0.02737965
164	7	0	0.157	1.731593	0	0	0	0.1450928	11.76	0.25124168	0	0.25124168	0.02611836
164	8	0	0.137	1.498321	0	0	0	0.1392201	11.76	0.20859638	0	0.20859638	0.02005071
164	9	0	0.079	1.422486	0	0	0	0.1383281	11.76	0.19676978	0	0.19676978	0.01245341
164	10	0	0.124	1.438286	0	0	0	0.1313059	11.76	0.18885538	0	0.18885538	0.01536888
164	11	0	0	1.236271	0	0	0	0.124893	11.76	0.15440168	0	0.15440168	7.0124E-06
164	12	0	0	1.198807	0	0	0	0.1219274	11.76	0.14616741	0	0.14616741	7.2674E-06
164	13	0	0	1.159128	0	0	0	0.1164608	11.76	0.13499292	0	0.13499292	0.00012253
164	14	0	0	1.095012	0	0	0	0.1105518	11.76	0.12105551	0	0.12105551	5.5746E-06
164	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
164	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
164	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
164	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
164	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
164	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
164	21	0	0	1.998934	0	0	0	0.2045925	11.76	0.40896704	0	0.40896704	7.0241E-06
164	22	0	0	1.753688	0	0	0	0.2175441	11.76	0.38150455	0	0.38150455	8.7136E-06
164	23	0	0	1.338962	0	0	0	0.2194127	11.76	0.29378527	0	0.29378527	0.03884443
164	24	0	0.138	0.992863	0	0	0	0.2178069	11.76	0.21625246	0	0.21625246	0.07100977
165	1	0	0.235	0.813104	0	0	0	0.224221	11.76	0.18231499	0	0.18231499	0.06547515
165	2	0	0.316	0.787898	0	0	0	0.2267114	11.76	0.17862549	0	0.17862549	0.07368255
165	3	0	0.372	0.839426	0	0	0	0.2426774	11.76	0.20370964	0	0.20370964	0.07692947
165	4	0	0.384	0.936648	0	0	0	0.227197	11.76	0.21280368	0	0.21280368	0.06361587
165	5	0	0.358	1.083656	0	0	0	0.2010126	11.76	0.21782859	0	0.21782859	0.04985171
165	6	0	0.345	1.434053	0	0	0	0.1404055	11.76	0.20134903	0	0.20134903	0.0335575
165	7	0	0.308	1.882593	0	0	0	0.1450928	11.76	0.27315071	0	0.27315071	0.0294555
165	8	0	0.098	1.459321	0	0	0	0.1392201	11.76	0.20316681	0	0.20316681	0.01141905
165	9	0	0	1.389486	0	0	0	0.1383281	11.76	0.19220495	0	0.19220495	3.8751E-06
165	10	0	0	1.360286	0	0	0	0.1313059	11.76	0.17861353	0	0.17861353	6.0733E-06
165	11	0	0	1.236271	0	0	0	0.124893	11.76	0.15440168	0	0.15440168	7.0124E-06
165	12	0	0	1.198807	0	0	0	0.1219274	11.76	0.14616741	0	0.14616741	-0.0056014
165	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
165	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
165	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
165	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
165	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
165	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
165	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
165	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
165	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
165	22	0	0	1.752688	0	0	0	0.2175441	11.76	0.38128703	0	0.38128703	8.7136E-06
165	23	0	0	1.338962	0	0	0	0.2194127	11.76	0.29378527	0	0.29378527	8.3699E-06
165	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	0.04857568
166	1	0	0.226	0.804104	0	0	0	0.224221	11.76	0.180297	0	0.180297	0.06951112
166	2	0	0.35	0.821898	0	0	0	0.2267114	11.76	0.18633367	0	0.18633367	0.07050859
166	3	0	0.444	0.911426	0	0	0	0.2426774	11.76	0.22118242	0	0.22118242	0.07838551
166	4	0	0.498	1.050648	0	0	0	0.227197	11.76	0.23870413	0	0.23870413	0.07383973
166	5	0	0.458	1.183656	0	0	0	0.2010126	11.76	0.23792986	0	0.23792986	0.05789224
166	6	0	0.405	1.494053	0	0	0	0.1404055	11.76	0.20977337	0	0.20977337	0.03510197
166	7	0	0.149	1.723593	0	0	0	0.1450928	11.76	0.25008094	0	0.25008094	0.0175579
166	8	0	0	1.407321	0	0	0	0.1392201	11.76	0.19592736	0	0.19592736	0.01114062
166	9	0	0	1.389486	0	0	0	0.1383281	11.76	0.19220495	0	0.19220495	3.8751E-06
166	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	0.00604614
166	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
166	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
166	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	-0.0001104
166	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	-0.000105
166	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	-0.0001082
166	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	-0.0001132
166	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
166	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
166	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	-0.0001958
166	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
166	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
166	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
166	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	0.00988196
166	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	-0.0002131
167	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	2.6061E-06
167	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	0.00838967
167	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.04950691
167	4	0	0.122	0.674648	0	0	0	0.227197	11.76	0.15327805	0	0.15327805	0.04566729
167	5	0	0.125	0.850656	0	0	0	0.2010126	11.76	0.17099265	0	0.17099265	0.03779096
167	6	0	0.124	1.213053	0	0	0	0.1404055	11.76	0.17031941	0	0.17031941	0.02330789
167	7	0	0.124	1.698593	0	0	0	0.1450928	11.76	0.24645362	0	0.24645362	0.02104012
167	8	0	0.088	1.449321	0	0	0	0.1392201	11.76	0.20177459	0	0.20177459	0.01503878
167	9	0	0	1.389486	0	0	0	0.1383281	11.76	0.19220495	0	0.19220495	3.8751E-06
167	10	0	0	1.314286	0	0	0	0.1313059	11.76	0.17257345	0	0.17257345	0.00604614
167	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
167	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
167	13	0	0	1.112128	0	0	0	0.1164608	11.76	0.12951926	0	0.12951926	6.0808E-06
167	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	-0.000105
167	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	-0.0001082
167	16	0	0	1.255403	0	0	0	0.1175634	11.76	0.14758946	0	0.14758946	4.3445E-06
167	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
167	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	-0.0001733
167	19	0	0	1.916803	0	0	0	0.2021408	11.76	0.38746411	0	0.38746411	6.3616E-06
167	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	-0.0001976
167	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
167	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
167	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	0.00988196
167	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	-0.0002131
168	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	2.6061E-06
168	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	1.3513E-06

168	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.03761571
168	4	0	0.138	0.690648	0	0	0	0.227197	11.76	0.15691321	0	0.15691321	0.04907524
168	5	0	0.132	0.857656	0	0	0	0.2010126	11.76	0.17239974	0	0.17239974	0.04000209
168	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	5.8582E-07
168	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	1.6605E-06
168	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
168	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
168	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	-0.0001252
168	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
168	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
168	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	-0.0001104
168	14	0	0	1.048012	0	0	0	0.1105518	11.76	0.11585957	0	0.11585957	5.5746E-06
168	15	0	0	1.133678	0	0	0	0.1135785	11.76	0.12876149	0	0.12876149	5.4294E-06
168	16	0	0	1.300403	0	0	0	0.1175634	11.76	0.15287983	0	0.15287983	4.3445E-06
168	17	0	0	1.511912	0	0	0	0.1334333	11.76	0.20173942	0	0.20173942	-0.0001285
168	18	0	0	1.864388	0	0	0	0.1795185	11.76	0.33469203	0	0.33469203	6.2489E-06
168	19	0	0	1.916803	0	0	0	0.2021408	11.76	0.38746411	0	0.38746411	6.3616E-06
168	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
168	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
168	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
168	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	0.01010136
168	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
169	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	2.6061E-06
169	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	0.01768484
169	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.04999226
169	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.07134055
169	5	0	0	0.771656	0	0	0	0.2010126	11.76	0.15511265	0	0.15511265	0.0655307
169	6	0	0.103	1.192053	0	0	0	0.1404055	11.76	0.16737089	0	0.16737089	0.03776966
169	7	0	0	1.620592	0	0	0	0.1450928	11.76	0.23513637	0	0.23513637	0.02829477
169	8	0	0	1.407321	0	0	0	0.1392201	11.76	0.19592736	0	0.19592736	3.0039E-06
169	9	0	0	1.342486	0	0	0	0.1383281	11.76	0.18570354	0	0.18570354	3.8587E-06
169	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
169	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
169	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
169	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
169	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
169	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
169	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
169	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
169	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
169	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
169	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
169	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
169	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
169	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	0.01010136
169	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
170	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	2.6061E-06
170	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	0.0448902
170	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.08081228
170	4	0	0.134	0.686648	0	0	0	0.227197	11.76	0.15600442	0	0.15600442	0.07656608
170	5	0	0.106	0.831656	0	0	0	0.2010126	11.76	0.16717341	0	0.16717341	0.05548007
170	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	5.8582E-07
170	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	1.6605E-06
170	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
170	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
170	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
170	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
170	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
170	13	0	0	1.159128	0	0	0	0.1164608	11.76	0.13499292	0	0.13499292	6.067E-06
170	14	0	0	1.046012	0	0	0	0.1105518	11.76	0.11563847	0	0.11563847	5.5746E-06
170	15	0	0	1.181678	0	0	0	0.1135785	11.76	0.13421326	0	0.13421326	5.4294E-06
170	16	0	0	1.252403	0	0	0	0.1175634	11.76	0.14723677	0	0.14723677	4.3445E-06
170	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
170	18	0	0	1.865388	0	0	0	0.1795185	11.76	0.33487155	0	0.33487155	6.2275E-06
170	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
170	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
170	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
170	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
170	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
170	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
171	1	0	0	0.622104	0	0	0	0.224221	11.76	0.13948878	0	0.13948878	2.6061E-06
171	2	0	0	0.516898	0	0	0	0.2267114	11.76	0.11718671	0	0.11718671	0.00022806
171	3	0	0	0.512426	0	0	0	0.2426774	11.76	0.12435414	0	0.12435414	0.00024338
171	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.01658606
171	5	0	0	0.770656	0	0	0	0.2010126	11.76	0.15491164	0	0.15491164	0.01186032
171	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	5.8582E-07
171	7	0	0	1.572592	0	0	0	0.1450928	11.76	0.22817192	0	0.22817192	0.00014674
171	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
171	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
171	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
171	11	0	0	1.235271	0	0	0	0.124893	11.76	0.1542768	0	0.1542768	6.9976E-06
171	12	0	0	1.149807	0	0	0	0.1219274	11.76	0.14019298	0	0.14019298	-0.0001147
171	13	0	0	1.157128	0	0	0	0.1164608	11.76	0.13476	0	0.13476	6.067E-06
171	14	0	0	1.045012	0	0	0	0.1105518	11.76	0.11552791	0	0.11552791	-0.000105
171	15	0.298	0	1.430678	0	0	0	0.1135785	11.76	0.16249432	0	0.16249432	0.05634038
171	16	0	0	1.251403	0	0	0	0.1175634	11.76	0.14711921	0	0.14711921	4.3445E-06
171	17	0.958	0	2.468912	0	0	0	0.1334333	11.76	0.32943506	0	0.32943506	0.08486849
171	18	1.069	0	2.930388	0	0	0	0.1795185	11.76	0.52605871	0	0.52605871	0.10610163
171	19	0	0	1.912803	0	0	0	0.2021408	11.76	0.38665553	0	0.38665553	-0.0001958
171	20	0	0	1.996946	0	0	0	0.2033851	11.76	0.40614911	0	0.40614911	-0.0001976
171	21	0	0	1.950934	0	0	0	0.2045925	11.76	0.3991466	0	0.3991466	7.0241E-06
171	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
171	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
171	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
172	1	0	0	0.576104	0	0	0	0.224221	11.76	0.12917461	0	0.12917461	2.6061E-06
172	2	0	0	0.470898	0	0	0	0.2267114	11.76	0.10675799	0	0.10675799	0.01043007
172	3	0	0	0.466426	0	0	0	0.2426774	11.76	0.11319098	0	0.11319098	0.01116387
172	4	0	0	0.597648	0	0	0	0.227197	11.76	0.13578389	0	0.13578389	0.00022787
172	5	0	0	0.770656	0	0	0	0.2010126	11.76	0.15491164	0	0.15491164	5.8708E-07
172	6	0	0	1.088053	0	0	0	0.1404055	11.76	0.15276872	0	0.15276872	0.00659964
172	7	0	0	1.572592	0	0	0	0.1450928	11.76	0.22817192	0	0.22817192	0.00682101
172	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	0.00014223
172	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
172	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
172	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
172	12	0	0	1.197807	0	0	0	0.1219274	11.76	0.14604549	0	0.14604549	7.2529E-06
172	13	0	0	1.110128	0	0	0	0.1164608	11.76	0.12928634	0	0.12928634	-0.0001104
172	14	0	0	1.093012	0	0	0	0.1105518	11.76	0.1208344	0	0.1208344	0.01857829
172	15	0	0	1.131678	0	0	0	0.1135785	11.76	0.12853433	0	0.12853433	-0.0001082
172	16	0.66	0	1.911403	0	0	0	0.1175634	11.76	0.22471108	0	0.22471108	0.080888
172	17	0	0	1.509912	0	0	0	0.1334333	11.76	0.20147256	0	0.20147256	4.9151E-06
172	18	0	0	1.862388	0	0	0	0.1795185	11.76	0.33433299	0	0.33433299	-0.0001733
172	19	0	0	1.912803	0	0	0	0.2021408	11.76	0.38665553	0	0.38665553	6.3616E-06
172	20	0	0	1.997947	0	0	0	0.2033851	11.76	0.40635251	0	0.40635251	-0.0001976
172	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
172	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
172	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
172	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06

173	1	0	0	0.576104	0	0	0	0.224221	11.76	0.12917461	0	0.12917461	0.01031677
173	2	0	0	0.470898	0	0	0	0.2267114	11.76	0.10675799	0	0.10675799	0.01043007
173	3	0	0	0.512426	0	0	0	0.2426774	11.76	0.12435414	0	0.12435414	0.00024338
173	4	0	0	0.597648	0	0	0	0.227197	11.76	0.13578389	0	0.13578389	0.00863416
173	5	0	0	0.770656	0	0	0	0.2010126	11.76	0.15491164	0	0.15491164	0.01809172
173	6	0	0	1.134053	0	0	0	0.1404055	11.76	0.15922738	0	0.15922738	0.02218464
173	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	0.02147542
173	8	0	0	1.406321	0	0	0	0.1392201	11.76	0.19578813	0	0.19578813	0.00529337
173	9	0	0	1.342486	0	0	0	0.1383281	11.76	0.18570354	0	0.18570354	0.00650529
173	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
173	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
173	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
173	13	0	0	1.112128	0	0	0	0.1164608	11.76	0.12951926	0	0.12951926	6.0808E-06
173	14	0	0	1.093012	0	0	0	0.1105518	11.76	0.1208344	0	0.1208344	5.5878E-06
173	15	0	0	1.132678	0	0	0	0.1135785	11.76	0.12864792	0	0.12864792	-0.0001082
173	16	0.232	0	1.484403	0	0	0	0.1175634	11.76	0.1745115	0	0.1745115	0.06513447
173	17	0	0	1.509912	0	0	0	0.1334333	11.76	0.20147256	0	0.20147256	0.17400193
173	18	0	0	1.861388	0	0	0	0.1795185	11.76	0.33415347	0	0.33415347	6.2489E-06
173	19	0	0	1.912803	0	0	0	0.2021408	11.76	0.38665553	0	0.38665553	6.3616E-06
173	20	0	0	1.996946	0	0	0	0.2033851	11.76	0.40614911	0	0.40614911	-0.0001976
173	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
173	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
173	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
173	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
174	1	0	0	0.576104	0	0	0	0.224221	11.76	0.12917461	0	0.12917461	2.6061E-06
174	2	0	0	0.470898	0	0	0	0.2267114	11.76	0.10675799	0	0.10675799	0.01043007
174	3	0	0	0.466426	0	0	0	0.2426774	11.76	0.11319098	0	0.11319098	0.01140654
174	4	0	0	0.551648	0	0	0	0.227197	11.76	0.12533282	0	0.12533282	0.01067894
174	5	0	0	0.724656	0	0	0	0.2010126	11.76	0.14566506	0	0.14566506	0.00924717
174	6	0	0	1.088053	0	0	0	0.1404055	11.76	0.15276872	0	0.15276872	0.00659964
174	7	0	0	1.572592	0	0	0	0.1450928	11.76	0.22817192	0	0.22817192	0.00682101
174	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	0.00654636
174	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	0.00650529
174	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	0.00617746
174	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	0.0001319
174	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
174	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
174	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
174	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
174	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
174	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
174	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
174	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
174	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
174	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
174	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
174	23	0	0	1.338962	0	0	0	0.2194127	11.76	0.29378527	0	0.29378527	8.3699E-06
174	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
175	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	2.6061E-06
175	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	0.01813826
175	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.03979981
175	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.04907524
175	5	0	0	0.771656	0	0	0	0.2010126	11.76	0.15511265	0	0.15511265	0.038394
175	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	0.02134222
175	7	0	0	1.620592	0	0	0	0.1450928	11.76	0.23513637	0	0.23513637	1.6605E-06
175	8	0	0	1.407321	0	0	0	0.1392201	11.76	0.19592736	0	0.19592736	3.0039E-06
175	9	0	0	1.342486	0	0	0	0.1383281	11.76	0.18570354	0	0.18570354	3.8587E-06
175	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
175	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
175	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
175	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
175	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
175	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
175	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
175	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
175	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
175	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
175	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
175	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
175	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
175	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	0.01010136
175	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
176	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	2.6061E-06
176	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	0.01247048
176	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	0.05848596
176	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.06929578
176	5	0	0.076	0.801656	0	0	0	0.2010126	11.76	0.16114304	0	0.16114304	0.05387196
176	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	5.8582E-07
176	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	1.6605E-06
176	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
176	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
176	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
176	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
176	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
176	13	0	0	1.159128	0	0	0	0.1164608	11.76	0.13499292	0	0.13499292	-0.0001104
176	14	0	0	1.046012	0	0	0	0.1105518	11.76	0.11563847	0	0.11563847	-0.000105
176	15	0	0	1.180678	0	0	0	0.1135785	11.76	0.13409969	0	0.13409969	5.4158E-06
176	16	0	0	1.252403	0	0	0	0.1175634	11.76	0.14723677	0	0.14723677	-0.0001132
176	17	0	0	1.513912	0	0	0	0.1334333	11.76	0.20200628	0	0.20200628	-0.0001285
176	18	0	0	1.863388	0	0	0	0.1795185	11.76	0.33451252	0	0.33451252	6.2061E-06
176	19	0	0	1.915803	0	0	0	0.2021408	11.76	0.38726194	0	0.38726194	6.3616E-06
176	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
176	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
176	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
176	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
176	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
177	1	0	0	0.576104	0	0	0	0.224221	11.76	0.12917461	0	0.12917461	0.01031677
177	2	0	0	0.516898	0	0	0	0.2267114	11.76	0.11718671	0	0.11718671	0.00022806
177	3	0	0	0.512426	0	0	0	0.2426774	11.76	0.12435414	0	0.12435414	0.00024338
177	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.02226598
177	5	0	0	0.770656	0	0	0	0.2010126	11.76	0.15491164	0	0.15491164	0.02653425
177	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	0.01404114
177	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	0.01175419
177	8	0	0	1.406321	0	0	0	0.1392201	11.76	0.19578813	0	0.19578813	0.00014223
177	9	0	0	1.388486	0	0	0	0.1383281	11.76	0.19206662	0	0.19206662	0.00014221
177	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	0.00013739
177	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
177	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
177	13	0	0	1.159128	0	0	0	0.1164608	11.76	0.13499292	0	0.13499292	6.067E-06
177	14	0	0	1.047012	0	0	0	0.1105518	11.76	0.11574901	0	0.11574901	-0.000105
177	15	0	0	1.181678	0	0	0	0.1135785	11.76	0.13421326	0	0.13421326	5.4294E-06
177	16	0	0	1.253403	0	0	0	0.1175634	11.76	0.14735434	0	0.14735434	-0.0001132
177	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
177	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	-0.0001733
177	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
177	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
177	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
177	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06

177	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
177	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	0.01002385
178	1	0	0	0.622104	0	0	0	0.224221	11.76	0.13948878	0	0.13948878	0.00022682
178	2	0	0	0.516898	0	0	0	0.2267114	11.76	0.11718671	0	0.11718671	0.00022806
178	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	7.0877E-07
178	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.02113
178	5	0	0	0.770656	0	0	0	0.2010126	11.76	0.15491164	0	0.15491164	0.02211197
178	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	5.8582E-07
178	7	0	0	1.573592	0	0	0	0.1450928	11.76	0.228317	0	0.228317	0.00667593
178	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
178	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
178	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
178	11	0	0	1.235271	0	0	0	0.124893	11.76	0.1542768	0	0.1542768	6.9976E-06
178	12	0	0	1.149807	0	0	0	0.1219274	11.76	0.14019298	0	0.14019298	-0.0001147
178	13	0	0	1.158128	0	0	0	0.1164608	11.76	0.13487645	0	0.13487645	6.067E-06
178	14	0	0	1.045012	0	0	0	0.1105518	11.76	0.11552791	0	0.11552791	5.5878E-06
178	15	0	0	1.131678	0	0	0	0.1135785	11.76	0.12853433	0	0.12853433	5.4294E-06
178	16	0.643	0	1.894403	0	0	0	0.1175634	11.76	0.2227125	0	0.2227125	0.07277609
178	17	0	0	1.509912	0	0	0	0.1334333	11.76	0.20147256	0	0.20147256	4.9151E-06
178	18	0	0	1.862388	0	0	0	0.1795185	11.76	0.33433299	0	0.33433299	-0.0001733
178	19	0	0	1.913803	0	0	0	0.2021408	11.76	0.38685768	0	0.38685768	6.3616E-06
178	20	0	0	1.998946	0	0	0	0.2033851	11.76	0.40655588	0	0.40655588	5.8189E-06
178	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
178	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
178	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
178	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
179	1	0	0	0.576104	0	0	0	0.224221	11.76	0.12917461	0	0.12917461	2.6061E-06
179	2	0	0	0.470898	0	0	0	0.2267114	11.76	0.10675799	0	0.10675799	0.01043007
179	3	0	0	0.466426	0	0	0	0.2426774	11.76	0.11319098	0	0.11319098	0.01140654
179	4	0	0	0.597648	0	0	0	0.227197	11.76	0.13578389	0	0.13578389	0.00022787
179	5	0	0	0.770656	0	0	0	0.2010126	11.76	0.15491164	0	0.15491164	0.0002016
179	6	0	0	1.088053	0	0	0	0.1404055	11.76	0.15276872	0	0.15276872	0.00659964
179	7	0	0	1.572592	0	0	0	0.1450928	11.76	0.22817192	0	0.22817192	0.00014674
179	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	3.0039E-06
179	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
179	10	0	0	1.359286	0	0	0	0.1313059	11.76	0.17848221	0	0.17848221	6.0733E-06
179	11	0	0	1.186271	0	0	0	0.124893	11.76	0.14815704	0	0.14815704	7.0124E-06
179	12	0	0	1.195807	0	0	0	0.1219274	11.76	0.14580164	0	0.14580164	7.2529E-06
179	13	0	0	1.108128	0	0	0	0.1164608	11.76	0.12905342	0	0.12905342	6.067E-06
179	14	0.46	0	1.504012	0	0	0	0.1105518	11.76	0.16627119	0	0.16627119	0.06854771
179	15	0.85	0	1.980678	0	0	0	0.1135785	11.76	0.22496251	0	0.22496251	0.07337716
179	16	1.109	0	2.360403	0	0	0	0.1175634	11.76	0.27749706	0	0.27749706	0.07595031
179	17	1.315	0	2.824912	0	0	0	0.1334333	11.76	0.37693734	0	0.37693734	0.08686997
179	18	1.317	0	3.178388	0	0	0	0.1795185	11.76	0.57057931	0	0.57057931	0.10646064
179	19	1.267	0	3.178803	0	0	0	0.2021408	11.76	0.6425658	0	0.6425658	0.09400183
179	20	0	0	1.995946	0	0	0	0.2033851	11.76	0.40594572	0	0.40594572	5.8189E-06
179	21	0	0	1.950934	0	0	0	0.2045925	11.76	0.3991466	0	0.3991466	7.0241E-06
179	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
179	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
179	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
180	1	0	0	0.576104	0	0	0	0.224221	11.76	0.12917461	0	0.12917461	2.6061E-06
180	2	0	0	0.470898	0	0	0	0.2267114	11.76	0.10675799	0	0.10675799	0.01043007
180	3	0	0	0.466426	0	0	0	0.2426774	11.76	0.11319098	0	0.11319098	0.01140654
180	4	0	0	0.551648	0	0	0	0.227197	11.76	0.12533282	0	0.12533282	0.01067894
180	5	0	0	0.724656	0	0	0	0.2010126	11.76	0.14566506	0	0.14566506	0.00924717
180	6	0	0	1.134053	0	0	0	0.1404055	11.76	0.15922738	0	0.15922738	0.00014098
180	7	0	0	1.618593	0	0	0	0.1450928	11.76	0.23484619	0	0.23484619	0.00014674
180	8	0	0	1.406321	0	0	0	0.1392201	11.76	0.19578813	0	0.19578813	0.00014223
180	9	0	0	1.342486	0	0	0	0.1383281	11.76	0.18570354	0	0.18570354	0.00650529
180	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	0.00617746
180	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	0.00587698
180	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	0.00012919
180	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
180	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
180	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
180	16	0	0	1.256403	0	0	0	0.1175634	11.76	0.14770703	0	0.14770703	4.3445E-06
180	17	0	0	1.514912	0	0	0	0.1334333	11.76	0.20213972	0	0.20213972	4.9151E-06
180	18	0	0	1.866388	0	0	0	0.1795185	11.76	0.33505108	0	0.33505108	6.2061E-06
180	19	0	0	1.917803	0	0	0	0.2021408	11.76	0.38766624	0	0.38766624	6.3616E-06
180	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
180	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
180	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
180	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
180	24	0	0	0.899863	0	0	0	0.2178069	11.76	0.19599641	0	0.19599641	4.7256E-06
181	1	0	0	0.623104	0	0	0	0.224221	11.76	0.139713	0	0.139713	2.6061E-06
181	2	0	0	0.517898	0	0	0	0.2267114	11.76	0.11741342	0	0.11741342	1.3513E-06
181	3	0	0	0.513426	0	0	0	0.2426774	11.76	0.12459682	0	0.12459682	7.0877E-07
181	4	0	0	0.598648	0	0	0	0.227197	11.76	0.13601108	0	0.13601108	0.02272037
181	5	0	0	0.771656	0	0	0	0.2010126	11.76	0.15511265	0	0.15511265	0.02291602
181	6	0	0	1.135053	0	0	0	0.1404055	11.76	0.15936777	0	0.15936777	0.00772288
181	7	0	0	1.619592	0	0	0	0.1450928	11.76	0.23499127	0	0.23499127	0.00014676
181	8	0	0	1.360321	0	0	0	0.1392201	11.76	0.18938401	0	0.18938401	0.00014223
181	9	0	0	1.341486	0	0	0	0.1383281	11.76	0.1855652	0	0.1855652	3.8751E-06
181	10	0	0	1.313286	0	0	0	0.1313059	11.76	0.17244214	0	0.17244214	6.089E-06
181	11	0	0	1.189271	0	0	0	0.124893	11.76	0.14853172	0	0.14853172	6.9976E-06
181	12	0	0	1.151807	0	0	0	0.1219274	11.76	0.14043683	0	0.14043683	7.2529E-06
181	13	0	0	1.113128	0	0	0	0.1164608	11.76	0.12963572	0	0.12963572	6.067E-06
181	14	0	0	1.049012	0	0	0	0.1105518	11.76	0.11597013	0	0.11597013	5.5746E-06
181	15	0	0	1.135678	0	0	0	0.1135785	11.76	0.12898866	0	0.12898866	5.4158E-06
181	16	0	0	1.255403	0	0	0	0.1175634	11.76	0.14758946	0	0.14758946	-0.0001132
181	17	0	0	1.513912	0	0	0	0.1334333	11.76	0.20200628	0	0.20200628	4.9151E-06
181	18	0	0	1.865388	0	0	0	0.1795185	11.76	0.33487155	0	0.33487155	6.2275E-06
181	19	0	0	1.915803	0	0	0	0.2021408	11.76	0.38726194	0	0.38726194	6.3616E-06
181	20	0	0	2.000947	0	0	0	0.2033851	11.76	0.40696267	0	0.40696267	5.8189E-06
181	21	0	0	1.952934	0	0	0	0.2045925	11.76	0.39955578	0	0.39955578	7.0241E-06
181	22	0	0	1.706688	0	0	0	0.2175441	11.76	0.37128	0	0.37128	8.7136E-06
181	23	0	0	1.292962	0	0	0	0.2194127	11.76	0.28369228	0	0.28369228	8.3699E-06
181	24	0	0	0.853863	0	0	0	0.2178069	11.76	0.18597729	0	0.18597729	4.7256E-06
182	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	0.01153773
182	2	0	0	0.516898	0	0	0	0.2629936	11.76	0.13594093	0	0.13594093	1.5676E-06
182	3	0	0	0.512426	0	0	0	0.2621538	11.76	0.13433433	0	0.13433433	0.00026292
182	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	7.7222E-07
182	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.00945962
182	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	8.0322E-07
182	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	0.00836695
182	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	0.00762196
182	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	0.00699739
182	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	0.00678631
182	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
182	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
182	13	0	0	1.142128	0	0	0	0.1284008	11.76	0.14665015	0	0.14665015	6.689E-06
182	14	0	0	1.033012	0	0	0	0.1329984	11.76	0.13738892	0	0.13738892	6.7224E-06
182	15	0	0	1.122678	0	0	0	0.1283044	11.76	0.14404452	0	0.14404452	6.118E-06
182	16	0	0	1.240403	0	0	0	0.1377714	11.76	0.17089202	0	0.17089202	5.0913E-06
182	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
182	18	0	0	1.844388	0	0	0	0.1814782	11.76	0.33471611	0	0.33471611	6.2955E-06
182	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
182	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06

182	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
182	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
182	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	0.01048644
182	24	0	0	0.893863	0	0	0	0.2409601	11.76	0.21538528	0	0.21538528	5.2279E-06
183	1	0	0	0.620104	0	0	0	0.256328	11.76	0.15895001	0	0.15895001	2.9793E-06
183	2	0	0	0.517898	0	0	0	0.2629936	11.76	0.13620392	0	0.13620392	0.03866163
183	3	0	0	0.513426	0	0	0	0.2621538	11.76	0.13459648	0	0.13459648	0.06370414
183	4	0	0.075	0.627648	0	0	0	0.2591129	11.76	0.16263174	0	0.16263174	0.07332973
183	5	0	0.075	0.794656	0	0	0	0.2425361	11.76	0.19273282	0	0.19273282	0.05263104
183	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	0.03785215
183	7	0	0	1.590593	0	0	0	0.1779768	11.76	0.2830885	0	0.2830885	0.01690983
183	8	0	0	1.383321	0	0	0	0.1620951	11.76	0.22422953	0	0.22422953	3.4975E-06
183	9	0	0	1.364486	0	0	0	0.1520245	11.76	0.20743528	0	0.20743528	4.2588E-06
183	10	0	0	1.290286	0	0	0	0.1473799	11.76	0.19016219	0	0.19016219	6.8344E-06
183	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
183	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
183	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
183	14	0	0	1.081012	0	0	0	0.1329984	11.76	0.14377284	0	0.14377284	6.7224E-06
183	15	0	0	1.120678	0	0	0	0.1283044	11.76	0.1437879	0	0.1437879	-0.0001222
183	16	0	0	1.240403	0	0	0	0.1377714	11.76	0.17089202	0	0.17089202	5.0913E-06
183	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
183	18	0	0	1.844388	0	0	0	0.1814782	11.76	0.33471611	0	0.33471611	6.2955E-06
183	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
183	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
183	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
183	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
183	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	0.01048644
183	24	0	0	0.893863	0	0	0	0.2409601	11.76	0.21538528	0	0.21538528	5.2279E-06
184	1	0	0	0.620104	0	0	0	0.256328	11.76	0.15895001	0	0.15895001	2.9793E-06
184	2	0	0	0.517898	0	0	0	0.2629936	11.76	0.13620392	0	0.13620392	1.5676E-06
184	3	0	0	0.513426	0	0	0	0.2621538	11.76	0.13459648	0	0.13459648	0.03932384
184	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	0.0668519
184	5	0	0	0.765656	0	0	0	0.2425361	11.76	0.18569928	0	0.18569928	0.05675415
184	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	0.04082477
184	7	0	0	1.590593	0	0	0	0.1779768	11.76	0.2830885	0	0.2830885	0.01317232
184	8	0	0	1.383321	0	0	0	0.1620951	11.76	0.22422953	0	0.22422953	3.4975E-06
184	9	0	0	1.364486	0	0	0	0.1520245	11.76	0.20743528	0	0.20743528	4.2588E-06
184	10	0	0	1.336286	0	0	0	0.1473799	11.76	0.19694167	0	0.19694167	6.8168E-06
184	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	0.00014302
184	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
184	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
184	14	0	0	1.081012	0	0	0	0.1329984	11.76	0.14377284	0	0.14377284	6.7224E-06
184	15	0	0	1.120678	0	0	0	0.1283044	11.76	0.1437879	0	0.1437879	-0.0001222
184	16	0	0	1.240403	0	0	0	0.1377714	11.76	0.17089202	0	0.17089202	5.0913E-06
184	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
184	18	0	0	1.844388	0	0	0	0.1814782	11.76	0.33471611	0	0.33471611	6.2955E-06
184	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
184	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
184	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
184	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
184	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	0.01048644
184	24	0	0	0.893863	0	0	0	0.2409601	11.76	0.21538528	0	0.21538528	5.2279E-06
185	1	0	0	0.620104	0	0	0	0.256328	11.76	0.15895001	0	0.15895001	2.9793E-06
185	2	0	0	0.517898	0	0	0	0.2629936	11.76	0.13620392	0	0.13620392	0.02367098
185	3	0	0	0.513426	0	0	0	0.2621538	11.76	0.13459648	0	0.13459648	0.05400445
185	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	0.06737013
185	5	0	0.079	0.798656	0	0	0	0.2425361	11.76	0.19370297	0	0.19370297	0.05263103
185	6	0	0.079	1.156053	0	0	0	0.1981745	11.76	0.2291003	0	0.2291003	0.03547404
185	7	0	0.094	1.638592	0	0	0	0.1779768	11.76	0.29163138	0	0.29163138	0.02812236
185	8	0	0	1.383321	0	0	0	0.1620951	11.76	0.22422953	0	0.22422953	0.01880654
185	9	0	0	1.364486	0	0	0	0.1520245	11.76	0.20743528	0	0.20743528	4.2588E-06
185	10	0	0	1.336286	0	0	0	0.1473799	11.76	0.19694167	0	0.19694167	6.8168E-06
185	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
185	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
185	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
185	14	0	0	1.035012	0	0	0	0.1329984	11.76	0.13765492	0	0.13765492	6.7224E-06
185	15	0	0	1.122678	0	0	0	0.1283044	11.76	0.14404452	0	0.14404452	6.118E-06
185	16	0	0	1.240403	0	0	0	0.1377714	11.76	0.17089202	0	0.17089202	5.0913E-06
185	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
185	18	0	0	1.844388	0	0	0	0.1814782	11.76	0.33471611	0	0.33471611	6.2955E-06
185	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
185	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
185	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
185	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
185	23	0	0	1.322962	0	0	0	0.2277766	11.76	0.30133968	0	0.30133968	8.7161E-06
185	24	0	0	0.893863	0	0	0	0.2409601	11.76	0.21538528	0	0.21538528	5.2279E-06
186	1	0	0	0.620104	0	0	0	0.256328	11.76	0.15895001	0	0.15895001	0.01922757
186	2	0	0	0.517898	0	0	0	0.2629936	11.76	0.13620392	0	0.13620392	0.05917512
186	3	0	0	0.513426	0	0	0	0.2621538	11.76	0.13459648	0	0.13459648	0.07654966
186	4	0	0.138	0.690648	0	0	0	0.2591129	11.76	0.17895586	0	0.17895586	0.07047949
186	5	0	0.118	0.837656	0	0	0	0.2425361	11.76	0.20316187	0	0.20316187	0.0523885
186	6	0	0.08	1.157053	0	0	0	0.1981745	11.76	0.22929849	0	0.22929849	0.03309595
186	7	0	0	1.590593	0	0	0	0.1779768	11.76	0.2830885	0	0.2830885	2.0368E-06
186	8	0	0	1.337321	0	0	0	0.1620951	11.76	0.21677316	0	0.21677316	3.4975E-06
186	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
186	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
186	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
186	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
186	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
186	14	0	0	1.034012	0	0	0	0.1329984	11.76	0.13752191	0	0.13752191	6.7224E-06
186	15	0	0	1.122678	0	0	0	0.1283044	11.76	0.14404452	0	0.14404452	6.118E-06
186	16	0	0	1.240403	0	0	0	0.1377714	11.76	0.17089202	0	0.17089202	5.0913E-06
186	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
186	18	0	0	1.844388	0	0	0	0.1814782	11.76	0.33471611	0	0.33471611	6.2955E-06
186	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
186	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
186	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
186	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
186	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
186	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	0.01108939
187	1	0	0	0.620104	0	0	0	0.256328	11.76	0.15895001	0	0.15895001	2.9793E-06
187	2	0	0	0.516898	0	0	0	0.2629936	11.76	0.13594093	0	0.13594093	0.00026456
187	3	0	0	0.513426	0	0	0	0.2621538	11.76	0.13459648	0	0.13459648	0.03277
187	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	0.05881941
187	5	0	0	0.765656	0	0	0	0.2425361	11.76	0.18569928	0	0.18569928	0.05263104
187	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	0.01090041
187	7	0	0	1.590593	0	0	0	0.1779768	11.76	0.2830885	0	0.2830885	2.0368E-06
187	8	0	0	1.337321	0	0	0	0.1620951	11.76	0.21677316	0	0.21677316	3.4975E-06
187	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
187	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
187	11	0	0	1.214271	0	0	0	0.135422	11.76	0.16443907	0	0.16443907	7.5875E-06
187	12	0	0	1.131807	0	0	0	0.1352285	11.76	0.1530525	0	0.1530525	-0.0001272
187	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
187	14	0	0	1.034012	0	0	0	0.1329984	11.76	0.13752191	0	0.13752191	6.7224E-06
187	15	0	0	1.167678	0	0	0	0.1283044	11.76	0.14981821	0	0.14981821	-0.0058959
187	16	0	0	1.237403	0	0	0	0.1377714	11.76	0.17047871	0	0.17047871	0.00014287
187	17	0	0	1.493912	0	0	0	0.154799	11.76	0.23125608	0	0.23125608	-0.0001491
187	18	0	0	1.842388	0	0	0	0.1814782	11.76	0.33435316	0	0.33435316	6.2955E-06

187	19	0	0	1.890803	0	0	0	0.206101	11.76	0.38969641	0	0.38969641	6.4863E-06
187	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
187	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
187	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
187	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
187	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
188	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	0.01153773
188	2	0	0	0.516898	0	0	0	0.2629936	11.76	0.13594093	0	0.13594093	0.00026456
188	3	0	0	0.512426	0	0	0	0.2621538	11.76	0.13433433	0	0.13433433	0.00026292
188	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	0.02617118
188	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.04923554
188	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	8.0322E-07
188	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	0.00018002
188	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	3.4782E-06
188	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
188	10	0	0	1.335286	0	0	0	0.1473799	11.76	0.19679428	0	0.19679428	6.8344E-06
188	11	0	0	1.212271	0	0	0	0.135422	11.76	0.16416823	0	0.16416823	-0.0063572
188	12	0	0	1.175807	0	0	0	0.1352285	11.76	0.15900254	0	0.15900254	0.01420705
188	13	0.16	0	1.252128	0	0	0	0.1284008	11.76	0.16077424	0	0.16077424	0.07101234
188	14	0.574	0	1.604012	0	0	0	0.1329984	11.76	0.21333102	0	0.21333102	0.07953977
188	15	0.907	0	2.024678	0	0	0	0.1283044	11.76	0.25977507	0	0.25977507	0.07993974
188	16	1.17	0	2.405403	0	0	0	0.1377714	11.76	0.33139568	0	0.33139568	0.08762772
188	17	1.159	0	2.649912	0	0	0	0.154799	11.76	0.41020372	0	0.41020372	0.08731233
188	18	1.06	0	2.898388	0	0	0	0.1814782	11.76	0.52599413	0	0.52599413	0.0878417
188	19	0	0	1.887803	0	0	0	0.206101	11.76	0.3890781	0	0.3890781	6.4863E-06
188	20	0	0	1.975946	0	0	0	0.2085919	11.76	0.41216634	0	0.41216634	5.9679E-06
188	21	0	0	1.930934	0	0	0	0.2121827	11.76	0.40971092	0	0.40971092	7.2847E-06
188	22	0	0	1.688688	0	0	0	0.2252178	11.76	0.3803226	0	0.3803226	9.0209E-06
188	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
188	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
189	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
189	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	0.01209927
189	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01205984
189	4	0	0	0.551648	0	0	0	0.2591129	11.76	0.14293917	0	0.14293917	0.01217908
189	5	0	0	0.718656	0	0	0	0.2425361	11.76	0.17430007	0	0.17430007	0.01115737
189	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
189	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	0.00018002
189	8	0	0	1.382321	0	0	0	0.1620951	11.76	0.22406743	0	0.22406743	3.4975E-06
189	9	0	0	1.316486	0	0	0	0.1520245	11.76	0.20013811	0	0.20013811	4.2588E-06
189	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
189	11	0	0	1.214271	0	0	0	0.135422	11.76	0.16443907	0	0.16443907	7.5875E-06
189	12	0	0	1.176807	0	0	0	0.1352285	11.76	0.15913778	0	0.15913778	-0.0001272
189	13	0	0	1.092128	0	0	0	0.1284008	11.76	0.1402301	0	0.1402301	6.689E-06
189	14	0	0	1.080012	0	0	0	0.1329984	11.76	0.14363984	0	0.14363984	0.01955748
189	15	0	0	1.117678	0	0	0	0.1283044	11.76	0.14340298	0	0.14340298	6.1333E-06
189	16	0	0	1.239403	0	0	0	0.1377714	11.76	0.17075425	0	0.17075425	5.0913E-06
189	17	0	0	1.493912	0	0	0	0.154799	11.76	0.23125608	0	0.23125608	5.7021E-06
189	18	0	0	1.843388	0	0	0	0.1814782	11.76	0.33453465	0	0.33453465	-0.0001752
189	19	0	0	1.891803	0	0	0	0.206101	11.76	0.3899025	0	0.3899025	6.4863E-06
189	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
189	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
189	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
189	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
189	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	0.01108939
190	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	0.01179407
190	2	0	0	0.516898	0	0	0	0.2629936	11.76	0.13594093	0	0.13594093	0.00026456
190	3	0	0	0.512426	0	0	0	0.2621538	11.76	0.13433433	0	0.13433433	0.00026292
190	4	0	0	0.597648	0	0	0	0.2591129	11.76	0.15485836	0	0.15485836	0.00025988
190	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.00024326
190	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	0.0079278
190	7	0	0	1.589592	0	0	0	0.1779768	11.76	0.28291051	0	0.28291051	0.00018002
190	8	0	0	1.383321	0	0	0	0.1620951	11.76	0.22422953	0	0.22422953	3.4975E-06
190	9	0	0	1.363486	0	0	0	0.1520245	11.76	0.20728325	0	0.20728325	0.00015629
190	10	0	0	1.336286	0	0	0	0.1473799	11.76	0.19694167	0	0.19694167	6.8168E-06
190	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	0.00637243
190	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	0.0001433
190	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
190	14	0	0	1.035012	0	0	0	0.1329984	11.76	0.13765492	0	0.13765492	6.7224E-06
190	15	0	0	1.122678	0	0	0	0.1283044	11.76	0.14404452	0	0.14404452	6.118E-06
190	16	0	0	1.239403	0	0	0	0.1377714	11.76	0.17075425	0	0.17075425	5.0913E-06
190	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
190	18	0	0	1.844388	0	0	0	0.1814782	11.76	0.33471611	0	0.33471611	6.2955E-06
190	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
190	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
190	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
190	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
190	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
190	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	0.01108939
191	1	0	0	0.620104	0	0	0	0.256328	11.76	0.15895001	0	0.15895001	2.9793E-06
191	2	0	0	0.516898	0	0	0	0.2629936	11.76	0.13594093	0	0.13594093	0.00026456
191	3	0	0	0.512426	0	0	0	0.2621538	11.76	0.13433433	0	0.13433433	0.00026292
191	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	7.7222E-07
191	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.00024326
191	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	8.0322E-07
191	7	0	0	1.589592	0	0	0	0.1779768	11.76	0.28291051	0	0.28291051	0.00018002
191	8	0	0	1.383321	0	0	0	0.1620951	11.76	0.22422953	0	0.22422953	3.4975E-06
191	9	0	0	1.364486	0	0	0	0.1520245	11.76	0.20743528	0	0.20743528	4.2588E-06
191	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	0.00015422
191	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
191	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
191	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
191	14	0	0	1.034012	0	0	0	0.1329984	11.76	0.13752191	0	0.13752191	6.7224E-06
191	15	0	0	1.120678	0	0	0	0.1283044	11.76	0.1437879	0	0.1437879	6.1333E-06
191	16	0	0	1.239403	0	0	0	0.1377714	11.76	0.17075425	0	0.17075425	5.0913E-06
191	17	0	0	1.493912	0	0	0	0.154799	11.76	0.23125608	0	0.23125608	5.7021E-06
191	18	0	0	1.888388	0	0	0	0.1814782	11.76	0.34270116	0	0.34270116	6.2955E-06
191	19	0	0	1.888803	0	0	0	0.206101	11.76	0.38928419	0	0.38928419	-0.0001996
191	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
191	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
191	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
191	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
191	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
192	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
192	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	0.01209927
192	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01205984
192	4	0	0	0.597648	0	0	0	0.2591129	11.76	0.15485836	0	0.15485836	0.00025988
192	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	7.0836E-07
192	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
192	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	0.00818897
192	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	0.00762196
192	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	0.00714942
192	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	0.00015422
192	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
192	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
192	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
192	14	0	0	1.081012	0	0	0	0.1329984	11.76	0.14377284	0	0.14377284	6.7224E-06
192	15	0	0	1.120678	0	0	0	0.1283044	11.76	0.1437879	0	0.1437879	6.1333E-06
192	16	0	0	1.285403	0	0	0	0.1377714	11.76	0.17709173	0	0.17709173	5.0913E-06

192	17	0	0	1.492912	0	0	0	0.154799	11.76	0.23110129	0	0.23110129	-0.0001491
192	18	0	0	1.843388	0	0	0	0.1814782	11.76	0.33453465	0	0.33453465	6.2738E-06
192	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	-0.0001996
192	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
192	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
192	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
192	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
192	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	0.01108939
193	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	0.01153773
193	2	0	0	0.516898	0	0	0	0.2629936	11.76	0.13594093	0	0.13594093	0.00026456
193	3	0	0	0.512426	0	0	0	0.2621538	11.76	0.13433433	0	0.13433433	0.00026292
193	4	0	0	0.597648	0	0	0	0.2591129	11.76	0.15485836	0	0.15485836	0.00025988
193	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.0133402
193	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	0.0196201
193	7	0	0	1.589592	0	0	0	0.1779768	11.76	0.28291051	0	0.28291051	0.00018002
193	8	0	0	1.383321	0	0	0	0.1620951	11.76	0.22422953	0	0.22422953	0.01621301
193	9	0	0	1.364486	0	0	0	0.1520245	11.76	0.20743528	0	0.20743528	0.01809517
193	10	0	0	1.336286	0	0	0	0.1473799	11.76	0.19694167	0	0.19694167	0.00781797
193	11	0	0	1.215271	0	0	0	0.135422	11.76	0.16457449	0	0.16457449	7.6036E-06
193	12	0	0	1.179807	0	0	0	0.1352285	11.76	0.15954347	0	0.15954347	8.0441E-06
193	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	0.00013508
193	14	0	0	1.035012	0	0	0	0.1329984	11.76	0.13765492	0	0.13765492	6.7224E-06
193	15	0	0	1.122678	0	0	0	0.1283044	11.76	0.14404452	0	0.14404452	6.118E-06
193	16	0	0	1.240403	0	0	0	0.1377714	11.76	0.17089202	0	0.17089202	5.0913E-06
193	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
193	18	0	0	1.844388	0	0	0	0.1814782	11.76	0.33471611	0	0.33471611	6.2955E-06
193	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
193	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
193	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
193	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
193	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
193	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	0.01108939
194	1	0	0	0.620104	0	0	0	0.256328	11.76	0.15895001	0	0.15895001	2.9793E-06
194	2	0	0	0.517898	0	0	0	0.2629936	11.76	0.13620392	0	0.13620392	1.5676E-06
194	3	0	0	0.513426	0	0	0	0.2621538	11.76	0.13459648	0	0.13459648	0.01310846
194	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	0.0285032
194	5	0	0	0.765656	0	0	0	0.2425361	11.76	0.18569928	0	0.18569928	0.0356535
194	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	0.02695254
194	7	0	0	1.590593	0	0	0	0.1779768	11.76	0.2830885	0	0.2830885	2.0368E-06
194	8	0	0	1.383321	0	0	0	0.1620951	11.76	0.22422953	0	0.22422953	3.4975E-06
194	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	0.00015629
194	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
194	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
194	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
194	13	0	0	1.142128	0	0	0	0.1284008	11.76	0.14665015	0	0.14665015	-0.0058997
194	14	0	0	1.032012	0	0	0	0.1329984	11.76	0.13725592	0	0.13725592	0.00013973
194	15	0	0	1.120678	0	0	0	0.1283044	11.76	0.1437879	0	0.1437879	6.1333E-06
194	16	0	0	1.237403	0	0	0	0.1377714	11.76	0.17047871	0	0.17047871	5.0913E-06
194	17	0	0	1.493912	0	0	0	0.154799	11.76	0.23125608	0	0.23125608	-0.0001491
194	18	0	0	1.841388	0	0	0	0.1814782	11.76	0.33417168	0	0.33417168	-0.0001752
194	19	0	0	1.890803	0	0	0	0.206101	11.76	0.38969641	0	0.38969641	6.4863E-06
194	20	0	0	1.976946	0	0	0	0.2085919	11.76	0.41237494	0	0.41237494	5.9679E-06
194	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
194	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
194	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
194	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
195	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	0.01153773
195	2	0	0	0.516898	0	0	0	0.2629936	11.76	0.13594093	0	0.13594093	0.00026456
195	3	0	0	0.512426	0	0	0	0.2621538	11.76	0.13433433	0	0.13433433	0.00026292
195	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	0.01010617
195	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.01576555
195	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	8.0322E-07
195	7	0	0	1.589592	0	0	0	0.1779768	11.76	0.28291051	0	0.28291051	0.00018002
195	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	0.00762196
195	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	0.00714942
195	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
195	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
195	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
195	13	0	0	1.095128	0	0	0	0.1284008	11.76	0.14061531	0	0.14061531	6.689E-06
195	14	0	0	1.080012	0	0	0	0.1329984	11.76	0.14363984	0	0.14363984	6.7224E-06
195	15	0	0	1.165678	0	0	0	0.1283044	11.76	0.1495616	0	0.1495616	-0.0060242
195	16	0	0	1.236403	0	0	0	0.1377714	11.76	0.17034095	0	0.17034095	0.11587083
195	17	0.738	0	2.229912	0	0	0	0.154799	11.76	0.34518814	0	0.34518814	0.10495942
195	18	0	0	1.838388	0	0	0	0.1814782	11.76	0.33362724	0	0.33362724	0.29799346
195	19	0	0	1.887803	0	0	0	0.206101	11.76	0.3890781	0	0.3890781	6.4863E-06
195	20	0	0	1.973946	0	0	0	0.2085919	11.76	0.41174916	0	0.41174916	5.9679E-06
195	21	0	0	1.930934	0	0	0	0.2121827	11.76	0.40971092	0	0.40971092	7.2847E-06
195	22	0	0	1.688688	0	0	0	0.2252178	11.76	0.3803226	0	0.3803226	0.00023422
195	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
195	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
196	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
196	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	1.5676E-06
196	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01205984
196	4	0	0	0.551648	0	0	0	0.2591129	11.76	0.14293917	0	0.14293917	0.01191997
196	5	0	0	0.718656	0	0	0	0.2425361	11.76	0.17430007	0	0.17430007	0.01115737
196	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
196	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	0.00818897
196	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	0.00762196
196	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
196	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
196	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
196	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
196	13	0	0	1.142128	0	0	0	0.1284008	11.76	0.14665015	0	0.14665015	6.689E-06
196	14	0	0	1.032012	0	0	0	0.1329984	11.76	0.13725592	0	0.13725592	6.7224E-06
196	15	0	0	1.120678	0	0	0	0.1283044	11.76	0.1437879	0	0.1437879	6.1333E-06
196	16	0	0	1.238403	0	0	0	0.1377714	11.76	0.17061649	0	0.17061649	-0.0001327
196	17	0.372	0	1.864912	0	0	0	0.154799	11.76	0.28868651	0	0.28868651	0.09768384
196	18	0.774	0	2.612388	0	0	0	0.1814782	11.76	0.47409137	0	0.47409137	0.11996335
196	19	0	0	1.887803	0	0	0	0.206101	11.76	0.3890781	0	0.3890781	0.31018851
196	20	0	0	1.975946	0	0	0	0.2085919	11.76	0.41216634	0	0.41216634	-0.0006198
196	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
196	22	0	0	1.688688	0	0	0	0.2252178	11.76	0.3803226	0	0.3803226	9.0209E-06
196	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
196	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
197	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
197	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	0.01209927
197	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01232199
197	4	0	0	0.597648	0	0	0	0.2591129	11.76	0.15485836	0	0.15485836	0.00025988
197	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.00024326
197	6	0	0	1.122053	0	0	0	0.1981745	11.76	0.22236236	0	0.22236236	0.00019899
197	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	0.00836695
197	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	0.00762196
197	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	0.00714942
197	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	0.00693368
197	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
197	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
197	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
197	14	0	0	1.081012	0	0	0	0.1329984	11.76	0.14377284	0	0.14377284	6.7224E-06

197	15	0	0	1.120678	0	0	0	0.1283044	11.76	0.1437879	0	0.1437879	6.1333E-06
197	16	0	0	1.240403	0	0	0	0.1377714	11.76	0.17089202	0	0.17089202	5.0913E-06
197	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
197	18	0	0	1.844388	0	0	0	0.1814782	11.76	0.33471611	0	0.33471611	6.2955E-06
197	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
197	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
197	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
197	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
197	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	0.01048644
197	24	0	0	0.893863	0	0	0	0.2409601	11.76	0.21538528	0	0.21538528	5.2279E-06
198	1	0	0	0.620104	0	0	0	0.256328	11.76	0.15895001	0	0.15895001	2.9793E-06
198	2	0	0	0.516898	0	0	0	0.2629936	11.76	0.13594093	0	0.13594093	0.00026456
198	3	0	0	0.513426	0	0	0	0.2621538	11.76	0.13459648	0	0.13459648	7.6565E-07
198	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	7.7222E-07
198	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.00024326
198	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	8.0322E-07
198	7	0	0	1.589592	0	0	0	0.1779768	11.76	0.28291051	0	0.28291051	0.00018002
198	8	0	0	1.383321	0	0	0	0.1620951	11.76	0.22422953	0	0.22422953	3.4975E-06
198	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	0.00015629
198	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
198	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
198	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
198	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
198	14	0	0	1.035012	0	0	0	0.1329984	11.76	0.13765492	0	0.13765492	6.7224E-06
198	15	0	0	1.121678	0	0	0	0.1283044	11.76	0.14391621	0	0.14391621	-0.0001222
198	16	0	0	1.240403	0	0	0	0.1377714	11.76	0.17089202	0	0.17089202	5.0913E-06
198	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
198	18	0	0	1.844388	0	0	0	0.1814782	11.76	0.33471611	0	0.33471611	6.2955E-06
198	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
198	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
198	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
198	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
198	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	0.01048644
198	24	0	0	0.893863	0	0	0	0.2409601	11.76	0.21538528	0	0.21538528	5.2279E-06
199	1	0	0	0.620104	0	0	0	0.256328	11.76	0.15895001	0	0.15895001	2.9793E-06
199	2	0	0	0.517898	0	0	0	0.2629936	11.76	0.13620392	0	0.13620392	0.03261278
199	3	0	0	0.513426	0	0	0	0.2621538	11.76	0.13459648	0	0.13459648	0.05741245
199	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	0.07307062
199	5	0	0	0.765656	0	0	0	0.2425361	11.76	0.18569928	0	0.18569928	0.06014965
199	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	0.01426937
199	7	0	0	1.590593	0	0	0	0.1779768	11.76	0.2830885	0	0.2830885	2.0368E-06
199	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	0.00016558
199	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
199	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
199	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
199	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
199	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
199	14	0	0	1.080012	0	0	0	0.1329984	11.76	0.14363984	0	0.14363984	-0.0001263
199	15	0	0	1.118678	0	0	0	0.1283044	11.76	0.14353129	0	0.14353129	6.1333E-06
199	16	0.147	0	1.385403	0	0	0	0.1377714	11.76	0.19086887	0	0.19086887	0.06902857
199	17	0	0	1.490912	0	0	0	0.154799	11.76	0.23079168	0	0.23079168	5.7021E-06
199	18	0	0	1.843388	0	0	0	0.1814782	11.76	0.33453465	0	0.33453465	6.2738E-06
199	19	0	0	1.890803	0	0	0	0.206101	11.76	0.38969641	0	0.38969641	6.4863E-06
199	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
199	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
199	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
199	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
199	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
200	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	0.01153773
200	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	0.01209927
200	3	0	0	0.512426	0	0	0	0.2621538	11.76	0.13433433	0	0.13433433	0.00026292
200	4	0	0	0.597648	0	0	0	0.2591129	11.76	0.15485836	0	0.15485836	0.00025988
200	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.00994469
200	6	0	0	1.077053	0	0	0	0.1981745	11.76	0.21344452	0	0.21344452	0.00911683
200	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	2.0368E-06
200	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	3.4782E-06
200	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
200	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
200	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
200	12	0	0	1.131807	0	0	0	0.1352285	11.76	0.1530525	0	0.1530525	8.0441E-06
200	13	0	0	1.140128	0	0	0	0.1284008	11.76	0.14639334	0	0.14639334	6.689E-06
200	14	0	0	1.031012	0	0	0	0.1329984	11.76	0.13712293	0	0.13712293	-0.0001263
200	15	0.218	0	1.337678	0	0	0	0.1283044	11.76	0.17162995	0	0.17162995	0.0573582
200	16	0	0	1.235403	0	0	0	0.1377714	11.76	0.17020317	0	0.17020317	5.0913E-06
200	17	0	0	1.491912	0	0	0	0.154799	11.76	0.23094649	0	0.23094649	-0.0001491
200	18	0	0	1.840388	0	0	0	0.1814782	11.76	0.33399021	0	0.33399021	-0.0001752
200	19	0	0	1.888803	0	0	0	0.206101	11.76	0.38928419	0	0.38928419	6.4863E-06
200	20	0	0	1.975946	0	0	0	0.2085919	11.76	0.41216634	0	0.41216634	5.9679E-06
200	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
200	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
200	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
200	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
201	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
201	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	0.01209927
201	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01205984
201	4	0	0	0.551648	0	0	0	0.2591129	11.76	0.14293917	0	0.14293917	0.01217908
201	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	7.0836E-07
201	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
201	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	2.0368E-06
201	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	3.4782E-06
201	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
201	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
201	11	0	0	1.214271	0	0	0	0.135422	11.76	0.16443907	0	0.16443907	7.5875E-06
201	12	0	0	1.176807	0	0	0	0.1352285	11.76	0.15913778	0	0.15913778	8.0441E-06
201	13	0	0	1.139128	0	0	0	0.1284008	11.76	0.14626495	0	0.14626495	0.05842905
201	14	0.485	0	1.515012	0	0	0	0.1329984	11.76	0.20149416	0	0.20149416	0.09097766
201	15	0.703	0	1.820678	0	0	0	0.1283044	11.76	0.23360097	0	0.23360097	0.08250585
201	16	1.06	0	2.295403	0	0	0	0.1377714	11.76	0.31624087	0	0.31624087	0.09424069
201	17	1.377	0	2.867912	0	0	0	0.154799	11.76	0.44394989	0	0.44394989	0.11238975
201	18	1.383	0	3.221388	0	0	0	0.1814782	11.76	0.58461157	0	0.58461157	0.118693
201	19	0	0	1.887803	0	0	0	0.206101	11.76	0.3890781	0	0.3890781	6.4863E-06
201	20	0	0	1.973946	0	0	0	0.2085919	11.76	0.41174916	0	0.41174916	5.9679E-06
201	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
201	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
201	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
201	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
202	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
202	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	0.01209927
202	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01205984
202	4	0	0	0.597648	0	0	0	0.2591129	11.76	0.15485836	0	0.15485836	0.00025988
202	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.00024326
202	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
202	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	0.00836695
202	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	0.00762196
202	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
202	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
202	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
202	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06

202	13	0	0	1.141128	0	0	0	0.1284008	11.76	0.14652174	0	0.14652174	6.689E-06
202	14	0	0	1.032012	0	0	0	0.1329984	11.76	0.13725592	0	0.13725592	-0.0001263
202	15	0	0	1.167678	0	0	0	0.1283044	11.76	0.14981821	0	0.14981821	6.118E-06
202	16	0	0	1.237403	0	0	0	0.1377714	11.76	0.17047871	0	0.17047871	-0.0001327
202	17	0	0	1.492912	0	0	0	0.154799	11.76	0.23110129	0	0.23110129	-0.0001491
202	18	0	0	1.840388	0	0	0	0.1814782	11.76	0.33399021	0	0.33399021	-0.0001752
202	19	0	0	1.888803	0	0	0	0.206101	11.76	0.38928419	0	0.38928419	6.4863E-06
202	20	0	0	1.975946	0	0	0	0.2085919	11.76	0.41216634	0	0.41216634	5.9679E-06
202	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
202	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
202	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
202	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
203	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
203	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	0.01209927
203	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01232199
203	4	0	0	0.597648	0	0	0	0.2591129	11.76	0.15485836	0	0.15485836	0.00025988
203	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.00024326
203	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
203	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	2.0368E-06
203	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	3.4782E-06
203	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
203	10	0	0	1.335286	0	0	0	0.1473799	11.76	0.19679428	0	0.19679428	6.8344E-06
203	11	0	0	1.211271	0	0	0	0.135422	11.76	0.1640328	0	0.1640328	7.6036E-06
203	12	0	0	1.129807	0	0	0	0.1352285	11.76	0.15278205	0	0.15278205	-0.0001272
203	13	0	0	1.092128	0	0	0	0.1284008	11.76	0.1402301	0	0.1402301	6.689E-06
203	14	0.17	0	1.202012	0	0	0	0.1329984	11.76	0.15986566	0	0.15986566	0.06437794
203	15	0.656	0	1.773678	0	0	0	0.1283044	11.76	0.22757067	0	0.22757067	0.07711706
203	16	0.998	0	2.233403	0	0	0	0.1377714	11.76	0.30769901	0	0.30769901	0.08941875
203	17	1.173	0	2.663912	0	0	0	0.154799	11.76	0.4123709	0	0.4123709	0.09799346
203	18	0	0	1.838388	0	0	0	0.1814782	11.76	0.33362724	0	0.33362724	6.3171E-06
203	19	0	0	1.887803	0	0	0	0.206101	11.76	0.3890781	0	0.3890781	6.4863E-06
203	20	0	0	1.975946	0	0	0	0.2085919	11.76	0.41216634	0	0.41216634	5.9679E-06
203	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
203	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
203	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
203	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
204	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
204	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	0.01209927
204	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01205984
204	4	0	0	0.597648	0	0	0	0.2591129	11.76	0.15485836	0	0.15485836	0.00025988
204	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.00024326
204	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
204	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	2.0368E-06
204	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	3.4782E-06
204	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
204	10	0	0	1.335286	0	0	0	0.1473799	11.76	0.19679428	0	0.19679428	6.8344E-06
204	11	0	0	1.165271	0	0	0	0.135422	11.76	0.15780339	0	0.15780339	7.6036E-06
204	12	0	0	1.176807	0	0	0	0.1352285	11.76	0.15913778	0	0.15913778	0.02854126
204	13	0.303	0	1.394128	0	0	0	0.1284008	11.76	0.17900715	0	0.17900715	0.07499276
204	14	0.76	0	1.790012	0	0	0	0.1329984	11.76	0.23806872	0	0.23806872	0.0857907
204	15	1.047	0	2.164678	0	0	0	0.1283044	11.76	0.27773766	0	0.27773766	0.08417381
204	16	1.313	0	2.548403	0	0	0	0.1377714	11.76	0.351097	0	0.351097	0.09176086
204	17	1.408	0	2.898912	0	0	0	0.154799	11.76	0.44874864	0	0.44874864	0.09737427
204	18	1.454	0	3.292388	0	0	0	0.1814782	11.76	0.59749649	0	0.59749649	0.1088932
204	19	1.377	0	3.264803	0	0	0	0.206101	11.76	0.67287919	0	0.67287919	0.11027055
204	20	0	0	1.972946	0	0	0	0.2085919	11.76	0.41154056	0	0.41154056	5.9679E-06
204	21	0	0	1.929934	0	0	0	0.2121827	11.76	0.40949873	0	0.40949873	7.2847E-06
204	22	0	0	1.686688	0	0	0	0.2252178	11.76	0.37987217	0	0.37987217	9.0209E-06
204	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
204	24	0	0	0.845863	0	0	0	0.2409601	11.76	0.2038192	0	0.2038192	0.00024618
205	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
205	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	1.5676E-06
205	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	7.6565E-07
205	4	0	0	0.551648	0	0	0	0.2591129	11.76	0.14293917	0	0.14293917	7.7222E-07
205	5	0	0	0.718656	0	0	0	0.2425361	11.76	0.17430007	0	0.17430007	7.2281E-07
205	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	8.2685E-07
205	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	2.0368E-06
205	8	0	0	1.382321	0	0	0	0.1620951	11.76	0.22406743	0	0.22406743	3.4975E-06
205	9	0	0	1.361486	0	0	0	0.1520245	11.76	0.20697921	0	0.20697921	4.2588E-06
205	10	0	0	1.332286	0	0	0	0.1473799	11.76	0.19635216	0	0.19635216	0.04731577
205	11	0.484	0	1.647271	0	0	0	0.135422	11.76	0.2230768	0	0.2230768	0.08342756
205	12	0.764	0	1.891807	0	0	0	0.1352285	11.76	0.25582613	0	0.25582613	0.0853372
205	13	1.078	0	2.169128	0	0	0	0.1284008	11.76	0.27851777	0	0.27851777	0.08654886
205	14	1.369	0	2.398012	0	0	0	0.1329984	11.76	0.31893177	0	0.31893177	0.09536659
205	15	1.581	0	2.698678	0	0	0	0.1283044	11.76	0.34625222	0	0.34625222	0.08840786
205	16	1.607	0	2.842403	0	0	0	0.1377714	11.76	0.39160181	0	0.39160181	0.08597442
205	17	1.579	0	3.069912	0	0	0	0.154799	11.76	0.47521926	0	0.47521926	0.09582628
205	18	1.716	0	3.554388	0	0	0	0.1814782	11.76	0.64504379	0	0.64504379	0.09165277
205	19	1.596	0	3.483803	0	0	0	0.206101	11.76	0.71801533	0	0.71801533	0.1102705
205	20	1.177	0	3.149946	0	0	0	0.2085919	11.76	0.65705319	0	0.65705319	0.07217874
205	21	0	0	1.927934	0	0	0	0.2121827	11.76	0.40907437	0	0.40907437	0.2268306
205	22	0	0	1.685688	0	0	0	0.2252178	11.76	0.37964694	0	0.37964694	-0.0002162
205	23	0	0	1.275962	0	0	0	0.2277766	11.76	0.29063419	0	0.29063419	0.00023648
205	24	0	0	0.845863	0	0	0	0.2409601	11.76	0.2038192	0	0.2038192	5.2279E-06
206	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
206	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	1.5676E-06
206	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	7.6565E-07
206	4	0	0	0.551648	0	0	0	0.2591129	11.76	0.14293917	0	0.14293917	0.01191997
206	5	0	0	0.718656	0	0	0	0.2425361	11.76	0.17430007	0	0.17430007	0.01115737
206	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
206	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	0.00818897
206	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	0.00762196
206	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
206	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
206	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
206	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
206	13	0	0	1.141128	0	0	0	0.1284008	11.76	0.14652174	0	0.14652174	6.689E-06
206	14	0	0	1.032012	0	0	0	0.1329984	11.76	0.13725592	0	0.13725592	-0.0001263
206	15	0	0	1.166678	0	0	0	0.1283044	11.76	0.1496899	0	0.1496899	0.03208223
206	16	0.267	0	1.503403	0	0	0	0.1377714	11.76	0.2071259	0	0.2071259	0.07936139
206	17	0.751	0	2.241912	0	0	0	0.154799	11.76	0.34704574	0	0.34704574	0.09907704
206	18	0	0	1.838388	0	0	0	0.1814782	11.76	0.33362724	0	0.33362724	0.22449481
206	19	0	0	1.889803	0	0	0	0.206101	11.76	0.3894903	0	0.3894903	0.20919903
206	20	0	0	1.975946	0	0	0	0.2085919	11.76	0.41216634	0	0.41216634	-0.0006198
206	21	0	0	1.931934	0	0	0	0.2121827	11.76	0.40992309	0	0.40992309	0.00021948
206	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
206	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
206	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
207	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
207	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	0.01209927
207	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01232199
207	4	0	0	0.597648	0	0	0	0.2591129	11.76	0.15485836	0	0.15485836	0.00025988
207	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	7.0836E-07
207	6	0	0	1.122053	0	0	0	0.1981745	11.76	0.22236236	0	0.22236236	0.00019899
207	7	0	0	1.589592	0	0	0	0.1779768	11.76	0.28291051	0	0.28291051	0.00018002
207	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	0.00762196
207	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	0.00714942
207	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	0.00693368

207	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
207	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
207	13	0	0	1.096128	0	0	0	0.1284008	11.76	0.14074371	0	0.14074371	6.689E-06
207	14	0	0	1.081012	0	0	0	0.1329984	11.76	0.14377284	0	0.14377284	6.7224E-06
207	15	0	0	1.120678	0	0	0	0.1283044	11.76	0.1437879	0	0.1437879	-0.0001222
207	16	0	0	1.284403	0	0	0	0.1377714	11.76	0.17695397	0	0.17695397	0.02370176
207	17	0	0	1.491912	0	0	0	0.154799	11.76	0.23094649	0	0.23094649	0.15743625
207	18	0	0	1.839388	0	0	0	0.1814782	11.76	0.33380872	0	0.33380872	0.26060896
207	19	0	0	1.887803	0	0	0	0.206101	11.76	0.3890781	0	0.3890781	0.31575327
207	20	0	0	1.973946	0	0	0	0.2085919	11.76	0.41174916	0	0.41174916	0.2457272
207	21	0	0	1.929934	0	0	0	0.2121827	11.76	0.40949873	0	0.40949873	0.17060218
207	22	0	0	1.686688	0	0	0	0.2252178	11.76	0.37987217	0	0.37987217	-0.0004414
207	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
207	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
208	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
208	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	1.5676E-06
208	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01205984
208	4	0	0	0.551648	0	0	0	0.2591129	11.76	0.14293917	0	0.14293917	0.01217908
208	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	7.0836E-07
208	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
208	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	2.0368E-06
208	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	3.4782E-06
208	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
208	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
208	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
208	12	0	0	1.177807	0	0	0	0.1352285	11.76	0.15927301	0	0.15927301	8.0441E-06
208	13	0	0	1.093128	0	0	0	0.1284008	11.76	0.14035851	0	0.14035851	-0.0001217
208	14	0.142	0	1.173012	0	0	0	0.1329984	11.76	0.1560087	0	0.1560087	0.07980576
208	15	0.681	0	1.798678	0	0	0	0.1283044	11.76	0.23077827	0	0.23077827	0.08763802
208	16	1.09	0	2.325403	0	0	0	0.1377714	11.76	0.32037398	0	0.32037398	0.09892498
208	17	1.304	0	2.794912	0	0	0	0.154799	11.76	0.43264957	0	0.43264957	0.10898416
208	18	1.378	0	3.216388	0	0	0	0.1814782	11.76	0.58370416	0	0.58370416	0.11960042
208	19	1.124	0	3.011803	0	0	0	0.206101	11.76	0.62073562	0	0.62073562	0.09852281
208	20	0	0	1.972946	0	0	0	0.2085919	11.76	0.41154056	0	0.41154056	0.22820548
208	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	-0.0010536
208	22	0	0	1.688688	0	0	0	0.2252178	11.76	0.3803226	0	0.3803226	0.00023422
208	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
208	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
209	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
209	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	1.5676E-06
209	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01205984
209	4	0	0	0.551648	0	0	0	0.2591129	11.76	0.14293917	0	0.14293917	0.01191997
209	5	0	0	0.718656	0	0	0	0.2425361	11.76	0.17430007	0	0.17430007	0.01115737
209	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
209	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	0.00818897
209	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	3.4782E-06
209	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	4.277E-06
209	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
209	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
209	12	0	0	1.178807	0	0	0	0.1352285	11.76	0.15940823	0	0.15940823	8.0602E-06
209	13	0	0	1.093128	0	0	0	0.1284008	11.76	0.14035851	0	0.14035851	6.689E-06
209	14	0	0	1.032012	0	0	0	0.1329984	11.76	0.13725592	0	0.13725592	-0.0001263
209	15	0	0	1.122678	0	0	0	0.1283044	11.76	0.14404452	0	0.14404452	6.118E-06
209	16	0	0	1.240403	0	0	0	0.1377714	11.76	0.17089202	0	0.17089202	5.0913E-06
209	17	0	0	1.495912	0	0	0	0.154799	11.76	0.23156568	0	0.23156568	5.7021E-06
209	18	0	0	1.842388	0	0	0	0.1814782	11.76	0.33435316	0	0.33435316	6.2955E-06
209	19	0	0	1.892803	0	0	0	0.206101	11.76	0.39010858	0	0.39010858	6.4863E-06
209	20	0	0	1.978946	0	0	0	0.2085919	11.76	0.41279212	0	0.41279212	5.9679E-06
209	21	0	0	1.932934	0	0	0	0.2121827	11.76	0.41013528	0	0.41013528	7.2847E-06
209	22	0	0	1.689688	0	0	0	0.2252178	11.76	0.3805478	0	0.3805478	9.0209E-06
209	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
209	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	0.01108939
210	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	0.01179407
210	2	0	0	0.516898	0	0	0	0.2629936	11.76	0.13594093	0	0.13594093	0.00026456
210	3	0	0	0.512426	0	0	0	0.2621538	11.76	0.13433433	0	0.13433433	0.00026292
210	4	0	0	0.598648	0	0	0	0.2591129	11.76	0.15511747	0	0.15511747	0.01321553
210	5	0	0	0.764656	0	0	0	0.2425361	11.76	0.18545673	0	0.18545673	0.01431034
210	6	0	0	1.123053	0	0	0	0.1981745	11.76	0.22256055	0	0.22256055	0.01189129
210	7	0	0	1.589592	0	0	0	0.1779768	11.76	0.28291051	0	0.28291051	0.00018002
210	8	0	0	1.337321	0	0	0	0.1620951	11.76	0.21677316	0	0.21677316	0.00745987
210	9	0	0	1.317486	0	0	0	0.1520245	11.76	0.20029012	0	0.20029012	0.00714942
210	10	0	0	1.289286	0	0	0	0.1473799	11.76	0.19001481	0	0.19001481	6.8344E-06
210	11	0	0	1.168271	0	0	0	0.135422	11.76	0.15820966	0	0.15820966	7.5875E-06
210	12	0	0	1.132807	0	0	0	0.1352285	11.76	0.15318772	0	0.15318772	8.0602E-06
210	13	0	0	1.095128	0	0	0	0.1284008	11.76	0.14061531	0	0.14061531	6.689E-06
210	14	0	0	1.079012	0	0	0	0.1329984	11.76	0.14350685	0	0.14350685	6.7065E-06
210	15	0	0	1.118678	0	0	0	0.1283044	11.76	0.14353129	0	0.14353129	6.1333E-06
210	16	0	0	1.237403	0	0	0	0.1377714	11.76	0.17047871	0	0.17047871	5.0913E-06
210	17	0	0	1.492912	0	0	0	0.154799	11.76	0.23110129	0	0.23110129	-0.0001491
210	18	0	0	1.839388	0	0	0	0.1814782	11.76	0.33380872	0	0.33380872	6.2955E-06
210	19	0	0	1.890803	0	0	0	0.206101	11.76	0.38969641	0	0.38969641	-0.0001996
210	20	0	0	1.975946	0	0	0	0.2085919	11.76	0.41216634	0	0.41216634	5.9679E-06
210	21	0	0	1.977934	0	0	0	0.2121827	11.76	0.41968349	0	0.41968349	7.2847E-06
210	22	0	0	1.685688	0	0	0	0.2252178	11.76	0.37964694	0	0.37964694	9.0209E-06
210	23	0	0	1.276962	0	0	0	0.2277766	11.76	0.29086195	0	0.29086195	8.7161E-06
210	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
211	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
211	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	1.5676E-06
211	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	0.01205984
211	4	0	0	0.551648	0	0	0	0.2591129	11.76	0.14293917	0	0.14293917	0.01191997
211	5	0	0	0.718656	0	0	0	0.2425361	11.76	0.17430007	0	0.17430007	0.01115737
211	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	0.00931501
211	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	2.0368E-06
211	8	0	0	1.336321	0	0	0	0.1620951	11.76	0.21661108	0	0.21661108	3.4782E-06
211	9	0	0	1.363486	0	0	0	0.1520245	11.76	0.20728325	0	0.20728325	4.2588E-06
211	10	0	0	1.287286	0	0	0	0.1473799	11.76	0.18972007	0	0.18972007	6.8168E-06
211	11	0	0	1.212271	0	0	0	0.135422	11.76	0.16416823	0	0.16416823	-0.0001278
211	12	0.148	0	1.276807	0	0	0	0.1352285	11.76	0.17266063	0	0.17266063	0.0853372
211	13	0.525	0	1.616128	0	0	0	0.1284008	11.76	0.20751213	0	0.20751213	0.08333881
211	14	0.857	0	1.886012	0	0	0	0.1329984	11.76	0.25083657	0	0.25083657	0.08938165
211	15	1.172	0	2.289678	0	0	0	0.1283044	11.76	0.29377571	0	0.29377571	0.08904936
211	16	1.411	0	2.646403	0	0	0	0.1377714	11.76	0.36459861	0	0.36459861	0.09768499
211	17	1.498	0	2.988912	0	0	0	0.154799	11.76	0.46268053	0	0.46268053	0.10310186
211	18	1.555	0	3.393388	0	0	0	0.1814782	11.76	0.6158258	0	0.6158258	0.11324871
211	19	1.422	0	3.309803	0	0	0	0.206101	11.76	0.68215375	0	0.68215375	0.1088278
211	20	0	0	1.972946	0	0	0	0.2085919	11.76	0.41154056	0	0.41154056	5.9679E-06
211	21	0	0	1.930934	0	0	0	0.2121827	11.76	0.40971092	0	0.40971092	7.2847E-06
211	22	0	0	1.686688	0	0	0	0.2252178	11.76	0.37987217	0	0.37987217	9.0209E-06
211	23	0	0	1.275962	0	0	0	0.2277766	11.76	0.29063419	0	0.29063419	8.689E-06
211	24	0	0	0.846863	0	0	0	0.2409601	11.76	0.20406016	0	0.20406016	0.00024618
212	1	0	0	0.574104	0	0	0	0.256328	11.76	0.14715892	0	0.14715892	-0.0002534
212	2	0	0	0.470898	0	0	0	0.2629936	11.76	0.12384323	0	0.12384323	1.5676E-06
212	3	0	0	0.466426	0	0	0	0.2621538	11.76	0.12227526	0	0.12227526	7.6565E-07
212	4	0	0	0.551648	0	0	0	0.2591129	11.76	0.14293917	0	0.14293917	7.7222E-07
212	5	0	0	0.718656	0	0	0	0.2425361	11.76	0.17430007	0	0.17430007	7.2281E-07
212	6	0	0	1.076053	0	0	0	0.1981745	11.76	0.21324634	0	0.21324634	8.2685E-07
212	7	0	0	1.543592	0	0	0	0.1779768	11.76	0.27472358	0	0.27472358	2.0368E-06
212	8	0	0	1.382321	0	0	0	0.1620951	11.76	0.22406743	0	0.22406743	3.4975E-06

212	9	0	0	1.315486	0	0	0	0.1520245	11.76	0.19998608	0	0.19998608	4.2588E-06
212	10	0	0	1.333286	0	0	0	0.1473799	11.76	0.19649953	0	0.19649953	6.8344E-06
212	11	0.17	0	1.334271	0	0	0	0.135422	11.76	0.18068972	0	0.18068972	0.07516682
212	12	0.591	0	1.718807	0	0	0	0.1352285	11.76	0.23243161	0	0.23243161	0.08371447
212	13	0.904	0	1.995128	0	0	0	0.1284008	11.76	0.25617604	0	0.25617604	0.08385241
212	14	1.205	0	2.234012	0	0	0	0.1329984	11.76	0.29712003	0	0.29712003	0.09084466
212	15	1.46	0	2.577678	0	0	0	0.1283044	11.76	0.33072739	0	0.33072739	0.09251357
212	16	1.661	0	2.896403	0	0	0	0.1377714	11.76	0.39904146	0	0.39904146	0.08156576
212	17	1.76	0	3.250912	0	0	0	0.154799	11.76	0.50323788	0	0.50323788	0.07338043
212	18	1.696	0	3.534388	0	0	0	0.1814782	11.76	0.64141423	0	0.64141423	0.08983795
212	19	1.56	0	3.447803	0	0	0	0.206101	11.76	0.71059569	0	0.71059569	0.11088886
212	20	0	0	1.972946	0	0	0	0.2085919	11.76	0.41154056	0	0.41154056	0.31518825
212	21	0	0	1.928934	0	0	0	0.2121827	11.76	0.40928656	0	0.40928656	0.21388746
212	22	0	0	1.686688	0	0	0	0.2252178	11.76	0.37987217	0	0.37987217	-0.0004414
212	23	0	0	1.275962	0	0	0	0.2277766	11.76	0.29063419	0	0.29063419	0.00023648
212	24	0	0	0.847863	0	0	0	0.2409601	11.76	0.20430112	0	0.20430112	5.2279E-06
213	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
213	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
213	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	9.257E-07
213	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01435727
213	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
213	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	0.0123939
213	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	0.00992692
213	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	0.00916993
213	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
213	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
213	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
213	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
213	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
213	14	0	0	1.030012	0	0	0	0.1699997	11.76	0.1751017	0	0.1751017	8.5926E-06
213	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	7.8703E-06
213	16	0	0	1.281403	0	0	0	0.179791	11.76	0.23038474	0	0.23038474	6.6442E-06
213	17	0	0	1.487912	0	0	0	0.198844	11.76	0.29586244	0	0.29586244	7.3483E-06
213	18	0	0	1.881388	0	0	0	0.2291341	11.76	0.43109014	0	0.43109014	7.9486E-06
213	19	0	0	1.881803	0	0	0	0.245773	11.76	0.46249629	0	0.46249629	7.7348E-06
213	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
213	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
213	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
213	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
213	24	0	0	0.891863	0	0	0	0.2800146	11.76	0.2497347	0	0.2497347	6.0752E-06
214	1	0	0	0.619104	0	0	0	0.3008824	11.76	0.18627751	0	0.18627751	3.4971E-06
214	2	0	0	0.516898	0	0	0	0.3118961	11.76	0.16121854	0	0.16121854	0.00031375
214	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	9.257E-07
214	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	0.02996199
214	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	0.03592692
214	6	0	0	1.119053	0	0	0	0.2636769	11.76	0.2950686	0	0.2950686	1.0687E-06
214	7	0	0	1.579592	0	0	0	0.2111599	11.76	0.33354657	0	0.33354657	0.00021359
214	8	0	0	1.375321	0	0	0	0.1992527	11.76	0.27403642	0	0.27403642	4.2993E-06
214	9	0	0	1.355486	0	0	0	0.1912861	11.76	0.25928561	0	0.25928561	0.00019665
214	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	0.00873105
214	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	0.00019408
214	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
214	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
214	14	0	0	1.030012	0	0	0	0.1699997	11.76	0.1751017	0	0.1751017	8.5926E-06
214	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	7.8703E-06
214	16	0	0	1.235403	0	0	0	0.179791	11.76	0.22211435	0	0.22211435	6.6442E-06
214	17	0	0	1.489912	0	0	0	0.198844	11.76	0.29626015	0	0.29626015	7.3246E-06
214	18	0	0	1.836388	0	0	0	0.2291341	11.76	0.42077911	0	0.42077911	7.9486E-06
214	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
214	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
214	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
214	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	0.01205099
214	23	0	0	1.317962	0	0	0	0.2671147	11.76	0.35204702	0	0.35204702	1.019E-05
214	24	0	0	0.891863	0	0	0	0.2800146	11.76	0.2497347	0	0.2497347	6.0752E-06
215	1	0	0	0.619104	0	0	0	0.3008824	11.76	0.18627751	0	0.18627751	0.01143704
215	2	0	0	0.517898	0	0	0	0.3118961	11.76	0.16153044	0	0.16153044	0.06019781
215	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	0.0801902
215	4	0	0.095	0.647648	0	0	0	0.3120943	11.76	0.20212727	0	0.20212727	0.07833661
215	5	0	0.12	0.837656	0	0	0	0.309707	11.76	0.25942801	0	0.25942801	0.06999468
215	6	0	0.103	1.176053	0	0	0	0.2636769	11.76	0.31009817	0	0.31009817	0.04851766
215	7	0	0.104	1.638592	0	0	0	0.2111599	11.76	0.34600501	0	0.34600501	0.03336568
215	8	0	0	1.375321	0	0	0	0.1992527	11.76	0.27403642	0	0.27403642	4.2993E-06
215	9	0	0	1.356486	0	0	0	0.1912861	11.76	0.2594769	0	0.2594769	5.3587E-06
215	10	0	0	1.328286	0	0	0	0.1855841	11.76	0.24650875	0	0.24650875	-0.0085283
215	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
215	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
215	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
215	14	0	0	1.030012	0	0	0	0.1699997	11.76	0.1751017	0	0.1751017	8.5926E-06
215	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	7.8703E-06
215	16	0	0	1.235403	0	0	0	0.179791	11.76	0.22211435	0	0.22211435	6.6442E-06
215	17	0	0	1.489912	0	0	0	0.198844	11.76	0.29626015	0	0.29626015	7.3246E-06
215	18	0	0	1.836388	0	0	0	0.2291341	11.76	0.42077911	0	0.42077911	7.9486E-06
215	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
215	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
215	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
215	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
215	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	0.01229747
215	24	0	0	0.891863	0	0	0	0.2800146	11.76	0.2497347	0	0.2497347	6.0752E-06
216	1	0	0	0.619104	0	0	0	0.3008824	11.76	0.18627751	0	0.18627751	3.4971E-06
216	2	0	0	0.517898	0	0	0	0.3118961	11.76	0.16153044	0	0.16153044	1.859E-06
216	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	0.02535723
216	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	0.04494251
216	5	0	0	0.763656	0	0	0	0.309707	11.76	0.23650969	0	0.23650969	0.04212107
216	6	0	0	1.119053	0	0	0	0.2636769	11.76	0.2950686	0	0.2950686	0.01661274
216	7	0	0	1.579592	0	0	0	0.2111599	11.76	0.33354657	0	0.33354657	0.00021359
216	8	0	0	1.375321	0	0	0	0.1992527	11.76	0.27403642	0	0.27403642	4.2993E-06
216	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	0.0088045
216	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
216	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
216	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
216	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
216	14	0	0	1.030012	0	0	0	0.1699997	11.76	0.1751017	0	0.1751017	8.5926E-06
216	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	7.8703E-06
216	16	0	0	1.235403	0	0	0	0.179791	11.76	0.22211435	0	0.22211435	6.6442E-06
216	17	0	0	1.489912	0	0	0	0.198844	11.76	0.29626015	0	0.29626015	7.3246E-06
216	18	0	0	1.836388	0	0	0	0.2291341	11.76	0.42077911	0	0.42077911	7.9486E-06
216	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
216	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
216	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
216	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
216	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	0.01229747
216	24	0	0	0.891863	0	0	0	0.2800146	11.76	0.2497347	0	0.2497347	6.0752E-06
217	1	0	0	0.619104	0	0	0	0.3008824	11.76	0.18627751	0	0.18627751	3.4971E-06
217	2	0	0	0.517898	0	0	0	0.3118961	11.76	0.16153044	0	0.16153044	0.04896954
217	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	0.06973073
217	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	0.07989706
217	5	0	0	0.763656	0	0	0	0.309707	11.76	0.23650969	0	0.23650969	0.0699947
217	6	0	0	1.119053	0	0	0	0.2636769	11.76	0.2950686	0	0.2950686	0.04377144

217	7	0	0	1.579592	0	0	0	0.2111599	11.76	0.33354657	0	0.33354657	0.00021359
217	8	0	0	1.375321	0	0	0	0.1992527	11.76	0.27403642	0	0.27403642	4.2993E-06
217	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
217	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
217	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
217	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
217	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
217	14	0	0	1.029012	0	0	0	0.1699997	11.76	0.17493171	0	0.17493171	-0.0001614
217	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	-0.0001568
217	16	0	0	1.279403	0	0	0	0.179791	11.76	0.23002516	0	0.23002516	-0.0084435
217	17	0	0	1.484912	0	0	0	0.198844	11.76	0.29526593	0	0.29526593	0.00040501
217	18	0	0	1.834388	0	0	0	0.2291341	11.76	0.42032085	0	0.42032085	-0.0002212
217	19	0	0	1.882803	0	0	0	0.245773	11.76	0.46274204	0	0.46274204	7.7348E-06
217	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
217	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
217	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
217	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
217	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	0.01288675
218	1	0	0	0.618104	0	0	0	0.3008824	11.76	0.18597663	0	0.18597663	0.00030438
218	2	0	0	0.516898	0	0	0	0.3118961	11.76	0.16121854	0	0.16121854	0.00031375
218	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	0.04088794
218	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	0.07521565
218	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	0.09198389
218	6	0	0	1.119053	0	0	0	0.2636769	11.76	0.2950686	0	0.2950686	0.01529432
218	7	0	0	1.579592	0	0	0	0.2111599	11.76	0.33354657	0	0.33354657	0.00021359
218	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	0.00020356
218	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
218	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
218	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
218	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
218	13	0	0	1.136128	0	0	0	0.1788323	11.76	0.20317639	0	0.20317639	9.3162E-06
218	14	0	0	1.027012	0	0	0	0.1699997	11.76	0.1745917	0	0.1745917	-0.0001614
218	15	0	0	1.160678	0	0	0	0.1646407	11.76	0.19109481	0	0.19109481	0.08957238
218	16	0	0	1.230403	0	0	0	0.179791	11.76	0.2212154	0	0.2212154	6.6442E-06
218	17	0	0	1.485912	0	0	0	0.198844	11.76	0.29546476	0	0.29546476	-0.0001915
218	18	0	0	1.831388	0	0	0	0.2291341	11.76	0.41963344	0	0.41963344	7.9486E-06
218	19	0	0	1.878803	0	0	0	0.245773	11.76	0.46175896	0	0.46175896	7.7348E-06
218	20	0	0	1.968946	0	0	0	0.2387472	11.76	0.47008043	0	0.47008043	-0.0002319
218	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
218	22	0	0	1.681688	0	0	0	0.2617502	11.76	0.44018226	0	0.44018226	1.0484E-05
218	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
218	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
219	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
219	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	0.01434908
219	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	0.01458079
219	4	0	0	0.597648	0	0	0	0.3120943	11.76	0.18652257	0	0.18652257	0.00031302
219	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	9.0454E-07
219	6	0	0	1.118053	0	0	0	0.2636769	11.76	0.29480491	0	0.29480491	0.00026476
219	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	0.00992692
219	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
219	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
219	10	0	0	1.326286	0	0	0	0.1855841	11.76	0.24613759	0	0.24613759	8.5839E-06
219	11	0	0	1.157271	0	0	0	0.1837739	11.76	0.21267624	0	0.21267624	1.0318E-05
219	12	0	0	1.168807	0	0	0	0.1745004	11.76	0.20395723	0	0.20395723	0.07871006
219	13	0.497	0	1.582128	0	0	0	0.1788323	11.76	0.2829356	0	0.2829356	0.10909704
219	14	0.932	0	1.957012	0	0	0	0.1699997	11.76	0.33269146	0	0.33269146	0.11560838
219	15	1.229	0	2.341678	0	0	0	0.1646407	11.76	0.38553542	0	0.38553542	0.11476244
219	16	1.462	0	2.692403	0	0	0	0.179791	11.76	0.48406989	0	0.48406989	0.12945619
219	17	1.599	0	3.083912	0	0	0	0.198844	11.76	0.61321749	0	0.61321749	0.12348945
219	18	1.546	0	3.376388	0	0	0	0.2291341	11.76	0.77364569	0	0.77364569	0.14000889
219	19	1.308	0	3.186803	0	0	0	0.245773	11.76	0.78323004	0	0.78323004	0.11797877
219	20	0	0	1.964947	0	0	0	0.2387472	11.76	0.46912545	0	0.46912545	6.8306E-06
219	21	0	0	1.922934	0	0	0	0.2423828	11.76	0.46608614	0	0.46608614	8.3216E-06
219	22	0	0	1.679688	0	0	0	0.2617502	11.76	0.43965876	0	0.43965876	1.0484E-05
219	23	0	0	1.269962	0	0	0	0.2671147	11.76	0.33922552	0	0.33922552	0.00027732
219	24	0	0	0.843863	0	0	0	0.2800146	11.76	0.236294	0	0.236294	6.0752E-06
220	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
220	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
220	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	9.257E-07
220	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01435727
220	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
220	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	1.0687E-06
220	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
220	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
220	9	0	0	1.355486	0	0	0	0.1912861	11.76	0.25928561	0	0.25928561	5.3587E-06
220	10	0	0	1.324286	0	0	0	0.1855841	11.76	0.24576643	0	0.24576643	8.5839E-06
220	11	0.11	0	1.266271	0	0	0	0.1837739	11.76	0.23270761	0	0.23270761	0.1111935
220	12	0.625	0	1.746807	0	0	0	0.1745004	11.76	0.30481845	0	0.30481845	0.12146265
220	13	1.008	0	2.093128	0	0	0	0.1788323	11.76	0.37431891	0	0.37431891	0.13252408
220	14	1.355	0	2.379012	0	0	0	0.1699997	11.76	0.40443133	0	0.40443133	0.13124835
220	15	1.673	0	2.785678	0	0	0	0.1646407	11.76	0.45863588	0	0.45863588	0.10307294
220	16	1.815	0	3.045403	0	0	0	0.179791	11.76	0.54753615	0	0.54753615	0.08342968
220	17	1.931	0	3.414912	0	0	0	0.198844	11.76	0.67903488	0	0.67903488	0.06781313
220	18	1.787	0	3.617388	0	0	0	0.2291341	11.76	0.82886701	0	0.82886701	0.09922307
220	19	1.578	0	3.456803	0	0	0	0.245773	11.76	0.84958874	0	0.84958874	0.14427645
220	20	0	0	1.964947	0	0	0	0.2387472	11.76	0.46912545	0	0.46912545	6.8306E-06
220	21	0.711	0	2.633934	0	0	0	0.2423828	11.76	0.63842028	0	0.63842028	0.0322452
220	22	0	0	1.677688	0	0	0	0.2617502	11.76	0.43913527	0	0.43913527	1.0484E-05
220	23	0	0	1.268962	0	0	0	0.2671147	11.76	0.33895839	0	0.33895839	1.0221E-05
220	24	0	0	0.844863	0	0	0	0.2800146	11.76	0.23657401	0	0.23657401	6.0752E-06
221	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
221	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
221	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	9.257E-07
221	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	9.3011E-07
221	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
221	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	1.0687E-06
221	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
221	8	0	0	1.374321	0	0	0	0.1992527	11.76	0.27383716	0	0.27383716	4.2993E-06
221	9	0	0	1.353486	0	0	0	0.1912861	11.76	0.25890304	0	0.25890304	5.3587E-06
221	10	0	0	1.324286	0	0	0	0.1855841	11.76	0.24576643	0	0.24576643	8.5839E-06
221	11	0	0	1.202271	0	0	0	0.1837739	11.76	0.22094608	0	0.22094608	0.08767044
221	12	0.536	0	1.657807	0	0	0	0.1745004	11.76	0.28928792	0	0.28928792	0.09668356
221	13	0.889	0	1.974128	0	0	0	0.1788323	11.76	0.35303787	0	0.35303787	0.11124304
221	14	1.208	0	2.232012	0	0	0	0.1699997	11.76	0.37944136	0	0.37944136	0.11373844
221	15	1.406	0	2.518678	0	0	0	0.1646407	11.76	0.41467683	0	0.41467683	0.11558562
221	16	1.657	0	2.887403	0	0	0	0.179791	11.76	0.51912917	0	0.51912917	0.10482481
221	17	1.602	0	3.085912	0	0	0	0.198844	11.76	0.6136152	0	0.6136152	0.12150101
221	18	1.561	0	3.391388	0	0	0	0.2291341	11.76	0.77708268	0	0.77708268	0.13519709
221	19	1.331	0	3.209803	0	0	0	0.245773	11.76	0.78888276	0	0.78888276	0.11257181
221	20	0	0	1.964947	0	0	0	0.2387472	11.76	0.46912545	0	0.46912545	0.30345448
221	21	0	0	1.921934	0	0	0	0.2423828	11.76	0.46584374	0	0.46584374	0.23536201
221	22	0	0	1.678688	0	0	0	0.2617502	11.76	0.43939703	0	0.43939703	0.17355087
221	23	0	0	1.267962	0	0	0	0.2671147	11.76	0.3386913	0	0.3386913	0.08575401
221	24	0	0	0.844863	0	0	0	0.2800146	11.76	0.23657401	0	0.23657401	0.03808806
222	1	0	0	0.571104	0	0	0	0.3008824	11.76	0.17183516	0	0.17183516	0.01264056
222	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	0.0127896
222	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	0.01331298
222	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01310889

222	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.0130086
222	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	-0.0007899
222	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
222	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	-0.0001949
222	9	0	0	1.353486	0	0	0	0.1912861	11.76	0.25890304	0	0.25890304	-0.0089851
222	10	0	0	1.278286	0	0	0	0.1855841	11.76	0.23722956	0	0.23722956	-0.000177
222	11	0.256	0	1.413271	0	0	0	0.1837739	11.76	0.25972237	0	0.25972237	0.17128757
222	12	0.722	0	1.843807	0	0	0	0.1745004	11.76	0.32174499	0	0.32174499	0.15391971
222	13	1.039	0	2.124128	0	0	0	0.1788323	11.76	0.37986274	0	0.37986274	0.15022848
222	14	1.41	0	2.434012	0	0	0	0.1699997	11.76	0.41378132	0	0.41378132	0.14076834
222	15	1.697	0	2.809678	0	0	0	0.1646407	11.76	0.46258728	0	0.46258728	0.0969812
222	16	1.936	0	3.166403	0	0	0	0.179791	11.76	0.56929083	0	0.56929083	0.06545059
222	17	1.972	0	3.455912	0	0	0	0.198844	11.76	0.68718747	0	0.68718747	0.06662006
222	18	1.946	0	3.776388	0	0	0	0.2291341	11.76	0.86529931	0	0.86529931	0.07722615
222	19	1.932	0	3.810803	0	0	0	0.245773	11.76	0.9365924	0	0.9365924	0.08234158
222	20	1.409	0	3.373946	0	0	0	0.2387472	11.76	0.80552022	0	0.80552022	0.14803012
222	21	0	0	1.920934	0	0	0	0.2423828	11.76	0.46560135	0	0.46560135	0.32552842
222	22	0	0	1.678688	0	0	0	0.2617502	11.76	0.43939703	0	0.43939703	-0.0002513
222	23	0	0	1.267962	0	0	0	0.2671147	11.76	0.3386913	0	0.3386913	1.019E-05
222	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
223	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
223	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
223	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	9.257E-07
223	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01435727
223	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
223	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	0.0123939
223	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	0.00992692
223	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
223	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
223	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
223	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
223	12	0	0	1.172807	0	0	0	0.1745004	11.76	0.20465524	0	0.20465524	1.038E-05
223	13	0	0	1.087128	0	0	0	0.1788323	11.76	0.1944136	0	0.1944136	9.3162E-06
223	14	0	0	1.076012	0	0	0	0.1699997	11.76	0.18292169	0	0.18292169	8.5926E-06
223	15	0	0	1.114678	0	0	0	0.1646407	11.76	0.18352134	0	0.18352134	-0.0001568
223	16	0	0	1.280403	0	0	0	0.179791	11.76	0.23020494	0	0.23020494	0.03614466
223	17	0	0	1.484912	0	0	0	0.198844	11.76	0.29526593	0	0.29526593	7.3246E-06
223	18	0	0	1.833388	0	0	0	0.2291341	11.76	0.42009173	0	0.42009173	7.9213E-06
223	19	0	0	1.881803	0	0	0	0.245773	11.76	0.46249629	0	0.46249629	7.7348E-06
223	20	0	0	1.969946	0	0	0	0.2387472	11.76	0.47031916	0	0.47031916	-0.0002319
223	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
223	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
223	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
223	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
224	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
224	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	0.01434908
224	3	0	0	0.512426	0	0	0	0.3169536	11.76	0.16241519	0	0.16241519	0.00031788
224	4	0	0	0.597648	0	0	0	0.3120943	11.76	0.18652257	0	0.18652257	0.00031302
224	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	0.00031061
224	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	0.0123939
224	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	0.00021356
224	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
224	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
224	10	0	0	1.327286	0	0	0	0.1855841	11.76	0.24632316	0	0.24632316	8.606E-06
224	11	0	0	1.204271	0	0	0	0.1837739	11.76	0.22131363	0	0.22131363	-0.0001735
224	12	0	0	1.122807	0	0	0	0.1745004	11.76	0.19593021	0	0.19593021	-0.0001641
224	13	0.183	0	1.270128	0	0	0	0.1788323	11.76	0.22713991	0	0.22713991	0.09639995
224	14	0	0	1.025012	0	0	0	0.1699997	11.76	0.1742517	0	0.1742517	0.21522823
224	15	1.001	0	2.113678	0	0	0	0.1646407	11.76	0.34799736	0	0.34799736	0.10768286
224	16	1.193	0	2.423403	0	0	0	0.179791	11.76	0.43570609	0	0.43570609	0.11723043
224	17	0	0	1.484912	0	0	0	0.198844	11.76	0.29526593	0	0.29526593	0.38178786
224	18	0	0	1.830388	0	0	0	0.2291341	11.76	0.41940433	0	0.41940433	7.9213E-06
224	19	0	0	1.879803	0	0	0	0.245773	11.76	0.46200475	0	0.46200475	7.7348E-06
224	20	0	0	1.967947	0	0	0	0.2387472	11.76	0.4698417	0	0.4698417	6.8306E-06
224	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
224	22	0	0	1.680688	0	0	0	0.2617502	11.76	0.43992053	0	0.43992053	0.00027222
224	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
224	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
225	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
225	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
225	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	9.257E-07
225	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01435727
225	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
225	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	1.0687E-06
225	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
225	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
225	9	0	0	1.355486	0	0	0	0.1912861	11.76	0.25928561	0	0.25928561	5.3587E-06
225	10	0	0	1.279286	0	0	0	0.1855841	11.76	0.23741513	0	0.23741513	-0.000177
225	11	0	0	1.204271	0	0	0	0.1837739	11.76	0.22131363	0	0.22131363	0.0472402
225	12	0.377	0	1.498807	0	0	0	0.1745004	11.76	0.26154236	0	0.26154236	0.1088986
225	13	0.772	0	1.857128	0	0	0	0.1788323	11.76	0.33211451	0	0.33211451	0.12018465
225	14	1.091	0	2.116012	0	0	0	0.1699997	11.76	0.3597214	0	0.3597214	0.11781842
225	15	1.381	0	2.493678	0	0	0	0.1646407	11.76	0.41056083	0	0.41056083	0.11953695
225	16	1.531	0	2.761403	0	0	0	0.179791	11.76	0.49647543	0	0.49647543	0.1263998
225	17	1.562	0	3.046912	0	0	0	0.198844	11.76	0.60586028	0	0.60586028	0.12985242
225	18	1.444	0	3.274388	0	0	0	0.2291341	11.76	0.75027401	0	0.75027401	0.12717738
225	19	1.189	0	3.067803	0	0	0	0.245773	11.76	0.75398307	0	0.75398307	0.09979148
225	20	0	0	1.964947	0	0	0	0.2387472	11.76	0.46912545	0	0.46912545	0.27623734
225	21	0	0	1.922934	0	0	0	0.2423828	11.76	0.46608614	0	0.46608614	0.2108813
225	22	0	0	1.678688	0	0	0	0.2617502	11.76	0.43939703	0	0.43939703	0.15653709
225	23	0	0	1.267962	0	0	0	0.2671147	11.76	0.3386913	0	0.3386913	0.0943017
225	24	0	0	0.842863	0	0	0	0.2800146	11.76	0.23601397	0	0.23601397	0.03416787
226	1	0	0	0.571104	0	0	0	0.3008824	11.76	0.17183516	0	0.17183516	0.01264056
226	2	0	0	0.469898	0	0	0	0.3118961	11.76	0.14655943	0	0.14655943	0.01310149
226	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	0.01331298
226	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01310889
226	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.0130086
226	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	-0.0007899
226	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
226	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
226	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
226	10	0	0	1.327286	0	0	0	0.1855841	11.76	0.24632316	0	0.24632316	8.606E-06
226	11	0	0	1.158271	0	0	0	0.1837739	11.76	0.21286003	0	0.21286003	-0.0001735
226	12	0	0	1.169807	0	0	0	0.1745004	11.76	0.20413174	0	0.20413174	0.09144858
226	13	0.444	0	1.529128	0	0	0	0.1788323	11.76	0.27345749	0	0.27345749	0.12733794
226	14	0.898	0	1.923012	0	0	0	0.1699997	11.76	0.32691146	0	0.32691146	0.12580837
226	15	1.217	0	2.329678	0	0	0	0.1646407	11.76	0.38355976	0	0.38355976	0.12233587
226	16	1.479	0	2.709403	0	0	0	0.179791	11.76	0.48712633	0	0.48712633	0.13449036
226	17	1.579	0	3.063912	0	0	0	0.198844	11.76	0.60924062	0	0.60924062	0.12209755
226	18	1.502	0	3.332388	0	0	0	0.2291341	11.76	0.76356376	0	0.76356376	0.14573726
226	19	0	0	1.878803	0	0	0	0.245773	11.76	0.46175896	0	0.46175896	0.45370465
226	20	0	0	1.965946	0	0	0	0.2387472	11.76	0.46936418	0	0.46936418	-0.0002319
226	21	0	0	1.922934	0	0	0	0.2423828	11.76	0.46608614	0	0.46608614	8.3216E-06
226	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
226	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
226	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
227	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
227	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06

227	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	0.01458079
227	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01435727
227	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
227	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	0.0123939
227	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	0.00992692
227	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
227	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
227	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
227	11	0	0	1.206271	0	0	0	0.1837739	11.76	0.22168117	0	0.22168117	1.0318E-05
227	12	0	0	1.170807	0	0	0	0.1745004	11.76	0.20430622	0	0.20430622	-0.0080166
227	13	0	0	1.133128	0	0	0	0.1788323	11.76	0.20263989	0	0.20263989	9.3162E-06
227	14	0.12	0	1.146012	0	0	0	0.1699997	11.76	0.19482168	0	0.19482168	0.08194844
227	15	0.583	0	1.695678	0	0	0	0.1646407	11.76	0.27917756	0	0.27917756	0.09451162
227	16	0.916	0	2.146403	0	0	0	0.179791	11.76	0.38590398	0	0.38590398	0.11219622
227	17	1.146	0	2.630912	0	0	0	0.198844	11.76	0.52314119	0	0.52314119	0.12686979
227	18	1.208	0	3.038388	0	0	0	0.2291341	11.76	0.69619834	0	0.69619834	0.13817584
227	19	1.103	0	2.981803	0	0	0	0.245773	11.76	0.73284654	0	0.73284654	0.12289423
227	20	0	0	1.964947	0	0	0	0.2387472	11.76	0.46912545	0	0.46912545	6.8306E-06
227	21	0	0	1.921934	0	0	0	0.2423828	11.76	0.46584374	0	0.46584374	8.3216E-06
227	22	0	0	1.680688	0	0	0	0.2617502	11.76	0.43992053	0	0.43992053	1.0484E-05
227	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
227	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
228	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
228	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
228	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	9.257E-07
228	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01435727
228	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
228	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	0.01213021
228	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	0.00992692
228	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	0.00916993
228	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
228	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
228	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
228	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
228	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
228	14	0	0	1.029012	0	0	0	0.1699997	11.76	0.17493171	0	0.17493171	8.5723E-06
228	15	0	0	1.163678	0	0	0	0.1646407	11.76	0.19158871	0	0.19158871	7.8703E-06
228	16	0	0	1.233403	0	0	0	0.179791	11.76	0.22175477	0	0.22175477	6.6442E-06
228	17	0	0	1.489912	0	0	0	0.198844	11.76	0.29626015	0	0.29626015	7.3246E-06
228	18	0	0	1.836388	0	0	0	0.2291341	11.76	0.42077911	0	0.42077911	7.9486E-06
228	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
228	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
228	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
228	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
228	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	0.01229747
228	24	0	0	0.891863	0	0	0	0.2800146	11.76	0.2497347	0	0.2497347	6.0752E-06
229	1	0	0	0.619104	0	0	0	0.3008824	11.76	0.18627751	0	0.18627751	3.4971E-06
229	2	0	0	0.517898	0	0	0	0.3118961	11.76	0.16153044	0	0.16153044	1.859E-06
229	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	0.02091988
229	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	0.04057319
229	5	0	0	0.763656	0	0	0	0.309707	11.76	0.23650969	0	0.23650969	0.04862491
229	6	0	0	1.119053	0	0	0	0.2636769	11.76	0.2950686	0	0.2950686	0.04350779
229	7	0	0	1.579592	0	0	0	0.2111599	11.76	0.33354657	0	0.33354657	0.028509
229	8	0	0	1.375321	0	0	0	0.1992527	11.76	0.27403642	0	0.27403642	0.02012884
229	9	0	0	1.356486	0	0	0	0.1912861	11.76	0.2594769	0	0.2594769	5.3587E-06
229	10	0	0	1.328286	0	0	0	0.1855841	11.76	0.24650875	0	0.24650875	8.606E-06
229	11	0	0	1.161271	0	0	0	0.1837739	11.76	0.21341135	0	0.21341135	1.0297E-05
229	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
229	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
229	14	0	0	1.030012	0	0	0	0.1699997	11.76	0.1751017	0	0.1751017	8.5926E-06
229	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	7.8703E-06
229	16	0	0	1.235403	0	0	0	0.179791	11.76	0.22211435	0	0.22211435	6.6442E-06
229	17	0	0	1.489912	0	0	0	0.198844	11.76	0.29626015	0	0.29626015	7.3246E-06
229	18	0	0	1.835388	0	0	0	0.2291341	11.76	0.42054997	0	0.42054997	7.976E-06
229	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
229	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
229	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
229	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
229	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	0.01229747
229	24	0	0	0.891863	0	0	0	0.2800146	11.76	0.2497347	0	0.2497347	6.0752E-06
230	1	0	0	0.619104	0	0	0	0.3008824	11.76	0.18627751	0	0.18627751	3.4971E-06
230	2	0	0	0.517898	0	0	0	0.3118961	11.76	0.16153044	0	0.16153044	1.859E-06
230	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	0.03296411
230	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	0.06647701
230	5	0	0	0.763656	0	0	0	0.309707	11.76	0.23650969	0	0.23650969	0.07371119
230	6	0	0.092	1.165053	0	0	0	0.2636769	11.76	0.30719774	0	0.30719774	0.05168174
230	7	0	0.088	1.622592	0	0	0	0.2111599	11.76	0.34262645	0	0.34262645	0.03336568
230	8	0	0	1.375321	0	0	0	0.1992527	11.76	0.27403642	0	0.27403642	0.02471165
230	9	0	0	1.356486	0	0	0	0.1912861	11.76	0.2594769	0	0.2594769	5.3587E-06
230	10	0	0	1.328286	0	0	0	0.1855841	11.76	0.24650875	0	0.24650875	8.606E-06
230	11	0	0	1.161271	0	0	0	0.1837739	11.76	0.21341135	0	0.21341135	1.0297E-05
230	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
230	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
230	14	0	0	1.030012	0	0	0	0.1699997	11.76	0.1751017	0	0.1751017	8.5926E-06
230	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	7.8703E-06
230	16	0	0	1.234403	0	0	0	0.179791	11.76	0.22193457	0	0.22193457	6.6442E-06
230	17	0	0	1.487912	0	0	0	0.198844	11.76	0.29586244	0	0.29586244	7.3483E-06
230	18	0	0	1.834388	0	0	0	0.2291341	11.76	0.42032085	0	0.42032085	7.9486E-06
230	19	0	0	1.882803	0	0	0	0.245773	11.76	0.46274204	0	0.46274204	7.7348E-06
230	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
230	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
230	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
230	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
230	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	0.01288675
231	1	0	0	0.618104	0	0	0	0.3008824	11.76	0.18597663	0	0.18597663	0.00030438
231	2	0	0	0.516898	0	0	0	0.3118961	11.76	0.16121854	0	0.16121854	0.00031375
231	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	9.257E-07
231	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	0.03557969
231	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	0.056987
231	6	0	0	1.119053	0	0	0	0.2636769	11.76	0.2950686	0	0.2950686	0.04878132
231	7	0	0	1.579592	0	0	0	0.2111599	11.76	0.33354657	0	0.33354657	0.00021359
231	8	0	0	1.329321	0	0	0	0.1992527	11.76	0.26487082	0	0.26487082	0.0091699
231	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
231	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
231	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
231	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
231	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
231	14	0	0	1.030012	0	0	0	0.1699997	11.76	0.1751017	0	0.1751017	8.5926E-06
231	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	7.8703E-06
231	16	0	0	1.234403	0	0	0	0.179791	11.76	0.22193457	0	0.22193457	6.6442E-06
231	17	0	0	1.489912	0	0	0	0.198844	11.76	0.29626015	0	0.29626015	7.3246E-06
231	18	0	0	1.835388	0	0	0	0.2291341	11.76	0.42054997	0	0.42054997	7.976E-06
231	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
231	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
231	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
231	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
231	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
231	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	0.01288675

232	1	0	0	0.618104	0	0	0	0.3008824	11.76	0.18597663	0	0.18597663	0.00030438
232	2	0	0	0.516898	0	0	0	0.3118961	11.76	0.16121854	0	0.16121854	0.00031375
232	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	9.257E-07
232	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	9.3011E-07
232	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	0.01579596
232	6	0	0	1.119053	0	0	0	0.2636769	11.76	0.2950686	0	0.2950686	0.01634905
232	7	0	0	1.579592	0	0	0	0.2111599	11.76	0.33354657	0	0.33354657	0.01267202
232	8	0	0	1.375321	0	0	0	0.1992527	11.76	0.27403642	0	0.27403642	4.2993E-06
232	9	0	0	1.355486	0	0	0	0.1912861	11.76	0.25928561	0	0.25928561	0.00019665
232	10	0	0	1.327286	0	0	0	0.1855841	11.76	0.24632316	0	0.24632316	0.0001942
232	11	0	0	1.161271	0	0	0	0.1837739	11.76	0.21341135	0	0.21341135	0.0084639
232	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
232	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
232	14	0	0	1.076012	0	0	0	0.1699997	11.76	0.18292169	0	0.18292169	8.5926E-06
232	15	0	0	1.116678	0	0	0	0.1646407	11.76	0.18385061	0	0.18385061	7.8507E-06
232	16	0	0	1.235403	0	0	0	0.179791	11.76	0.22211435	0	0.22211435	6.6442E-06
232	17	0	0	1.489912	0	0	0	0.198844	11.76	0.29626015	0	0.29626015	7.3246E-06
232	18	0	0	1.835388	0	0	0	0.2291341	11.76	0.42054997	0	0.42054997	7.976E-06
232	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
232	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
232	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
232	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
232	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
232	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	0.01288675
233	1	0	0	0.618104	0	0	0	0.3008824	11.76	0.18597663	0	0.18597663	0.00030438
233	2	0	0	0.517898	0	0	0	0.3118961	11.76	0.16153044	0	0.16153044	1.859E-06
233	3	0	0	0.513426	0	0	0	0.3169536	11.76	0.16273213	0	0.16273213	0.01616558
233	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	0.06460443
233	5	0	0	0.763656	0	0	0	0.309707	11.76	0.23650969	0	0.23650969	0.08517033
233	6	0	0	1.119053	0	0	0	0.2636769	11.76	0.2950686	0	0.2950686	0.05089071
233	7	0	0	1.580593	0	0	0	0.2111599	11.76	0.33375774	0	0.33375774	2.4165E-06
233	8	0	0	1.375321	0	0	0	0.1992527	11.76	0.27403642	0	0.27403642	4.2993E-06
233	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
233	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
233	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
233	12	0	0	1.171807	0	0	0	0.1745004	11.76	0.20448073	0	0.20448073	1.038E-05
233	13	0	0	1.133128	0	0	0	0.1788323	11.76	0.20263989	0	0.20263989	0.01449475
233	14	0	0	1.026012	0	0	0	0.1699997	11.76	0.17442171	0	0.17442171	-0.0001614
233	15	0.205	0	1.318678	0	0	0	0.1646407	11.76	0.21710801	0	0.21710801	0.10208509
233	16	0	0	1.230403	0	0	0	0.179791	11.76	0.2212154	0	0.2212154	6.6442E-06
233	17	0	0	1.486912	0	0	0	0.198844	11.76	0.29566361	0	0.29566361	-0.0001915
233	18	0	0	1.832388	0	0	0	0.2291341	11.76	0.41986259	0	0.41986259	7.9486E-06
233	19	0	0	1.881803	0	0	0	0.245773	11.76	0.46249629	0	0.46249629	7.7348E-06
233	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
233	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
233	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
233	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
233	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	0.01288675
234	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	0.01414497
234	2	0	0	0.516898	0	0	0	0.3118961	11.76	0.16121854	0	0.16121854	0.00031375
234	3	0	0	0.512426	0	0	0	0.3169536	11.76	0.16241519	0	0.16241519	0.00031788
234	4	0	0	0.598648	0	0	0	0.3120943	11.76	0.18683466	0	0.18683466	0.04681508
234	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	0.05110257
234	6	0	0	1.119053	0	0	0	0.2636769	11.76	0.2950686	0	0.2950686	0.02689612
234	7	0	0	1.579592	0	0	0	0.2111599	11.76	0.33354657	0	0.33354657	0.00021359
234	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	0.00020356
234	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
234	10	0	0	1.327286	0	0	0	0.1855841	11.76	0.24632316	0	0.24632316	8.606E-06
234	11	0	0	1.204271	0	0	0	0.1837739	11.76	0.22131363	0	0.22131363	1.0297E-05
234	12	0	0	1.122807	0	0	0	0.1745004	11.76	0.19593021	0	0.19593021	1.0401E-05
234	13	0.171	0	1.258128	0	0	0	0.1788323	11.76	0.22499393	0	0.22499393	0.1116007
234	14	0.672	0	1.697012	0	0	0	0.1699997	11.76	0.28849153	0	0.28849153	0.11866839
234	15	1.046	0	2.158678	0	0	0	0.1646407	11.76	0.3554062	0	0.3554062	0.12003091
234	16	1.304	0	2.534403	0	0	0	0.179791	11.76	0.45566291	0	0.45566291	0.13323179
234	17	1.416	0	2.900912	0	0	0	0.198844	11.76	0.57682907	0	0.57682907	0.1380051
234	18	0	0	1.830388	0	0	0	0.2291341	11.76	0.41940433	0	0.41940433	0.43055094
234	19	0	0	1.878803	0	0	0	0.245773	11.76	0.46175896	0	0.46175896	7.7348E-06
234	20	0	0	1.968946	0	0	0	0.2387472	11.76	0.47008043	0	0.47008043	6.8306E-06
234	21	0	0	1.924934	0	0	0	0.2423828	11.76	0.4665709	0	0.4665709	8.3216E-06
234	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
234	23	0	0	1.270962	0	0	0	0.2671147	11.76	0.33949262	0	0.33949262	0.00027735
234	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
235	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
235	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
235	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	0.01458079
235	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01435727
235	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
235	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	0.0123939
235	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	0.00021356
235	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
235	9	0	0	1.355486	0	0	0	0.1912861	11.76	0.25928561	0	0.25928561	5.3587E-06
235	10	0	0	1.325286	0	0	0	0.1855841	11.76	0.245952	0	0.245952	-0.000177
235	11	0	0	1.203271	0	0	0	0.1837739	11.76	0.22112984	0	0.22112984	0.06488249
235	12	0.398	0	1.519807	0	0	0	0.1745004	11.76	0.26520687	0	0.26520687	0.10540861
235	13	0.781	0	1.866128	0	0	0	0.1788323	11.76	0.33372399	0	0.33372399	0.11642917
235	14	1.123	0	2.147012	0	0	0	0.1699997	11.76	0.36499141	0	0.36499141	0.11628841
235	15	1.416	0	2.528678	0	0	0	0.1646407	11.76	0.41632323	0	0.41632323	0.11871381
235	16	1.602	0	2.832403	0	0	0	0.179791	11.76	0.50924061	0	0.50924061	0.1121963
235	17	1.657	0	3.140912	0	0	0	0.198844	11.76	0.62455159	0	0.62455159	0.10797965
235	18	1.553	0	3.383388	0	0	0	0.2291341	11.76	0.77524963	0	0.77524963	0.13611356
235	19	0	0	1.878803	0	0	0	0.245773	11.76	0.46175896	0	0.46175896	0.42199995
235	20	0	0	1.965946	0	0	0	0.2387472	11.76	0.46936418	0	0.46936418	0.28483224
235	21	0	0	1.922934	0	0	0	0.2423828	11.76	0.46608614	0	0.46608614	-0.0004765
235	22	0	0	1.680688	0	0	0	0.2617502	11.76	0.43992053	0	0.43992053	0.00027222
235	23	0	0	1.270962	0	0	0	0.2671147	11.76	0.33949262	0	0.33949262	-0.0002569
235	24	0	0	0.844863	0	0	0	0.2800146	11.76	0.23657401	0	0.23657401	0.00028609
236	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
236	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
236	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	9.257E-07
236	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	9.3011E-07
236	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
236	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	1.0687E-06
236	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
236	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
236	9	0	0	1.355486	0	0	0	0.1912861	11.76	0.25928561	0	0.25928561	5.3587E-06
236	10	0	0	1.324286	0	0	0	0.1855841	11.76	0.24576643	0	0.24576643	8.5839E-06
236	11	0.099	0	1.255271	0	0	0	0.1837739	11.76	0.23068609	0	0.23068609	0.10862068
236	12	0.637	0	1.758807	0	0	0	0.1745004	11.76	0.30691245	0	0.30691245	0.12128814
236	13	1.06	0	2.145128	0	0	0	0.1788323	11.76	0.3836182	0	0.3836182	0.1337759
236	14	1.367	0	2.391012	0	0	0	0.1699997	11.76	0.40647134	0	0.40647134	0.13209837
236	15	1.653	0	2.765678	0	0	0	0.1646407	11.76	0.45534307	0	0.45534307	0.10340219
236	16	1.816	0	3.046403	0	0	0	0.179791	11.76	0.54771593	0	0.54771593	0.08235093
236	17	1.946	0	3.429912	0	0	0	0.198844	11.76	0.68201752	0	0.68201752	0.06602357
236	18	1.814	0	3.644388	0	0	0	0.2291341	11.76	0.83505362	0	0.83505362	0.09693168
236	19	1.439	0	3.317803	0	0	0	0.245773	11.76	0.81542631	0	0.81542631	0.13321665
236	20	0	0	1.964947	0	0	0	0.2387472	11.76	0.46912545	0	0.46912545	0.33496911
236	21	0.813	0	2.734934	0	0	0	0.2423828	11.76	0.66290095	0	0.66290095	0.05987686
236	22	0	0	1.677688	0	0	0	0.2617502	11.76	0.43913527	0	0.43913527	0.16438962

236	23	0	0	1.270962	0	0	0	0.2671147	11.76	0.33949262	0	0.33949262	0.07934331
236	24	0	0	0.844863	0	0	0	0.2800146	11.76	0.23657401	0	0.23657401	0.01176669
237	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	0.01233968
237	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	0.0127896
237	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	0.01331298
237	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01310889
237	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.0130086
237	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	-0.0010536
237	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
237	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
237	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
237	10	0	0	1.326286	0	0	0	0.1855841	11.76	0.24613759	0	0.24613759	8.5839E-06
237	11	0	0	1.204271	0	0	0	0.1837739	11.76	0.22131363	0	0.22131363	-0.0001735
237	12	0	0	1.168807	0	0	0	0.1745004	11.76	0.20395723	0	0.20395723	-0.0081911
237	13	0.19	0	1.276128	0	0	0	0.1788323	11.76	0.22821291	0	0.22821291	0.14557884
237	14	0.68	0	1.705012	0	0	0	0.1699997	11.76	0.28985151	0	0.28985151	0.13549836
237	15	0.96	0	2.072678	0	0	0	0.1646407	11.76	0.34124711	0	0.34124711	0.12480546
237	16	0.972	0	2.202403	0	0	0	0.179791	11.76	0.39597228	0	0.39597228	0.11129729
237	17	0.944	0	2.428912	0	0	0	0.198844	11.76	0.48297467	0	0.48297467	0.10062243
237	18	0.825	0	2.655388	0	0	0	0.2291341	11.76	0.60844	0	0.60844	0.09074502
237	19	0	0	1.878803	0	0	0	0.245773	11.76	0.46175896	0	0.46175896	0.24406031
237	20	0	0	1.965946	0	0	0	0.2387472	11.76	0.46936418	0	0.46936418	0.1919596
237	21	0	0	1.921934	0	0	0	0.2423828	11.76	0.46584374	0	0.46584374	0.13986318
237	22	0	0	1.680688	0	0	0	0.2617502	11.76	0.43992053	0	0.43992053	0.09319354
237	23	0	0	1.269962	0	0	0	0.2671147	11.76	0.33922552	0	0.33922552	0.02912572
237	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	0.01148668
238	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	0.01264056
238	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	0.01310149
238	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	0.01331298
238	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01342098
238	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.0130086
238	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	-0.0007899
238	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
238	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
238	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
238	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
238	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
238	12	0	0	1.172807	0	0	0	0.1745004	11.76	0.20465524	0	0.20465524	1.038E-05
238	13	0	0	1.088128	0	0	0	0.1788323	11.76	0.19459244	0	0.19459244	9.3162E-06
238	14	0	0	1.028012	0	0	0	0.1699997	11.76	0.17476171	0	0.17476171	8.5723E-06
238	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	7.8703E-06
238	16	0	0	1.281403	0	0	0	0.179791	11.76	0.23038474	0	0.23038474	6.6442E-06
238	17	0	0	1.486912	0	0	0	0.198844	11.76	0.29566361	0	0.29566361	7.3246E-06
238	18	0	0	1.834388	0	0	0	0.2291341	11.76	0.42032085	0	0.42032085	7.9486E-06
238	19	0	0	1.882803	0	0	0	0.245773	11.76	0.46274204	0	0.46274204	-0.000238
238	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
238	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
238	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
238	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
238	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	0.01288675
239	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	0.01414497
239	2	0	0	0.516898	0	0	0	0.3118961	11.76	0.16121854	0	0.16121854	0.00031375
239	3	0	0	0.512426	0	0	0	0.3169536	11.76	0.16241519	0	0.16241519	0.00031788
239	4	0	0	0.597648	0	0	0	0.3120943	11.76	0.18652257	0	0.18652257	0.00031302
239	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	0.00031061
239	6	0	0	1.118053	0	0	0	0.2636769	11.76	0.29480491	0	0.29480491	0.00026476
239	7	0	0	1.579592	0	0	0	0.2111599	11.76	0.33354657	0	0.33354657	2.4165E-06
239	8	0	0	1.374321	0	0	0	0.1992527	11.76	0.27383716	0	0.27383716	0.00020356
239	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	0.0088045
239	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
239	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
239	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
239	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
239	14	0	0	1.030012	0	0	0	0.1699997	11.76	0.1751017	0	0.1751017	8.5926E-06
239	15	0	0	1.117678	0	0	0	0.1646407	11.76	0.18401524	0	0.18401524	7.8703E-06
239	16	0	0	1.235403	0	0	0	0.179791	11.76	0.22211435	0	0.22211435	6.6442E-06
239	17	0	0	1.489912	0	0	0	0.198844	11.76	0.29626015	0	0.29626015	7.3246E-06
239	18	0	0	1.836388	0	0	0	0.2291341	11.76	0.42077911	0	0.42077911	7.9486E-06
239	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
239	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
239	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
239	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
239	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
239	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	0.01288675
240	1	0	0	0.618104	0	0	0	0.3008824	11.76	0.18597663	0	0.18597663	0.00030438
240	2	0	0	0.516898	0	0	0	0.3118961	11.76	0.16121854	0	0.16121854	0.00031375
240	3	0	0	0.512426	0	0	0	0.3169536	11.76	0.16241519	0	0.16241519	0.00031788
240	4	0	0	0.597648	0	0	0	0.3120943	11.76	0.18652257	0	0.18652257	0.00031302
240	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	9.0454E-07
240	6	0	0	1.118053	0	0	0	0.2636769	11.76	0.29480491	0	0.29480491	0.00026476
240	7	0	0	1.533592	0	0	0	0.2111599	11.76	0.32383322	0	0.32383322	0.00971577
240	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
240	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
240	10	0	0	1.327286	0	0	0	0.1855841	11.76	0.24632316	0	0.24632316	8.606E-06
240	11	0	0	1.159271	0	0	0	0.1837739	11.76	0.21304379	0	0.21304379	-0.0001735
240	12	0	0	1.170807	0	0	0	0.1745004	11.76	0.20430622	0	0.20430622	-0.0080166
240	13	0	0	1.133128	0	0	0	0.1788323	11.76	0.20263989	0	0.20263989	9.3162E-06
240	14	0	0	1.025012	0	0	0	0.1699997	11.76	0.1742517	0	0.1742517	8.5723E-06
240	15	0	0	1.161678	0	0	0	0.1646407	11.76	0.19125944	0	0.19125944	0.03787523
240	16	0	0	1.230403	0	0	0	0.179791	11.76	0.2212154	0	0.2212154	0.10392585
240	17	0	0	1.485912	0	0	0	0.198844	11.76	0.29546476	0	0.29546476	0.14854381
240	18	0	0	1.831388	0	0	0	0.2291341	11.76	0.41963344	0	0.41963344	0.17483727
240	19	0	0	1.879803	0	0	0	0.245773	11.76	0.46200475	0	0.46200475	0.17917623
240	20	0	0	1.965946	0	0	0	0.2387472	11.76	0.46936418	0	0.46936418	-0.0002319
240	21	0	0	1.923934	0	0	0	0.2423828	11.76	0.4663285	0	0.4663285	8.3216E-06
240	22	0	0	1.682688	0	0	0	0.2617502	11.76	0.44044402	0	0.44044402	1.0484E-05
240	23	0	0	1.270962	0	0	0	0.2671147	11.76	0.33949262	0	0.33949262	1.0221E-05
240	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
241	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
241	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
241	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	9.257E-07
241	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	0.01435727
241	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	0.01424743
241	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	0.01213021
241	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
241	8	0	0	1.374321	0	0	0	0.1992527	11.76	0.27383716	0	0.27383716	4.2993E-06
241	9	0	0	1.353486	0	0	0	0.1912861	11.76	0.25890304	0	0.25890304	5.3587E-06
241	10	0	0	1.324286	0	0	0	0.1855841	11.76	0.24576643	0	0.24576643	8.5839E-06
241	11	0.188	0	1.344271	0	0	0	0.1837739	11.76	0.24704197	0	0.24704197	0.13012222
241	12	0.713	0	1.834807	0	0	0	0.1745004	11.76	0.32017447	0	0.32017447	0.1375167
241	13	1.067	0	2.152128	0	0	0	0.1788323	11.76	0.38487002	0	0.38487002	0.14486356
241	14	1.302	0	2.326012	0	0	0	0.1699997	11.76	0.39542135	0	0.39542135	0.13617835
241	15	1.681	0	2.793678	0	0	0	0.1646407	11.76	0.45995303	0	0.45995303	0.1050486
241	16	1.899	0	3.129403	0	0	0	0.179791	11.76	0.56263853	0	0.56263853	0.07605827
241	17	1.753	0	3.236912	0	0	0	0.198844	11.76	0.64364065	0	0.64364065	0.10738307
241	18	1.641	0	3.471388	0	0	0	0.2291341	11.76	0.79541344	0	0.79541344	0.14757026
241	19	1.377	0	3.255803	0	0	0	0.245773	11.76	0.80018832	0	0.80018832	0.12240272
241	20	0	0	1.964947	0	0	0	0.2387472	11.76	0.46912545	0	0.46912545	0.30584195

241	21	0	0	1.920934	0	0	0	0.2423828	11.76	0.46560135	0	0.46560135	8.3216E-06
241	22	0	0	1.681688	0	0	0	0.2617502	11.76	0.44018226	0	0.44018226	0.00027225
241	23	0	0	1.270962	0	0	0	0.2671147	11.76	0.33949262	0	0.33949262	1.0221E-05
241	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
242	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	3.4971E-06
242	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	1.859E-06
242	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	9.257E-07
242	4	0	0	0.551648	0	0	0	0.3120943	11.76	0.17216623	0	0.17216623	9.3011E-07
242	5	0	0	0.716656	0	0	0	0.309707	11.76	0.22195346	0	0.22195346	9.0454E-07
242	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	1.0687E-06
242	7	0	0	1.532593	0	0	0	0.2111599	11.76	0.32362207	0	0.32362207	2.4165E-06
242	8	0	0	1.328321	0	0	0	0.1992527	11.76	0.26467153	0	0.26467153	4.323E-06
242	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	5.3359E-06
242	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	8.5839E-06
242	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	1.0318E-05
242	12	0	0	1.172807	0	0	0	0.1745004	11.76	0.20465524	0	0.20465524	1.038E-05
242	13	0	0	1.134128	0	0	0	0.1788323	11.76	0.20281873	0	0.20281873	9.3162E-06
242	14	0	0	1.026012	0	0	0	0.1699997	11.76	0.17442171	0	0.17442171	8.5723E-06
242	15	0	0	1.114678	0	0	0	0.1646407	11.76	0.18352134	0	0.18352134	7.8507E-06
242	16	0	0	1.231403	0	0	0	0.179791	11.76	0.22139519	0	0.22139519	6.6442E-06
242	17	0	0	1.486912	0	0	0	0.198844	11.76	0.29566361	0	0.29566361	7.3246E-06
242	18	0	0	1.833388	0	0	0	0.2291341	11.76	0.42009173	0	0.42009173	7.9213E-06
242	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
242	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
242	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
242	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
242	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
242	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
243	1	0	0	0.572104	0	0	0	0.3008824	11.76	0.17213604	0	0.17213604	0.01384409
243	2	0	0	0.470898	0	0	0	0.3118961	11.76	0.14687132	0	0.14687132	0.01434908
243	3	0	0	0.466426	0	0	0	0.3169536	11.76	0.14783532	0	0.14783532	0.01489774
243	4	0	0	0.597648	0	0	0	0.3120943	11.76	0.18652257	0	0.18652257	0.00031302
243	5	0	0	0.762656	0	0	0	0.309707	11.76	0.23619999	0	0.23619999	9.0454E-07
243	6	0	0	1.072053	0	0	0	0.2636769	11.76	0.28267577	0	0.28267577	0.0123939
243	7	0	0	1.578592	0	0	0	0.2111599	11.76	0.3333354	0	0.3333354	0.00021359
243	8	0	0	1.374321	0	0	0	0.1992527	11.76	0.27383716	0	0.27383716	0.00020356
243	9	0	0	1.309486	0	0	0	0.1912861	11.76	0.25048647	0	0.25048647	0.0088045
243	10	0	0	1.281286	0	0	0	0.1855841	11.76	0.23778631	0	0.23778631	0.00854545
243	11	0	0	1.160271	0	0	0	0.1837739	11.76	0.21322757	0	0.21322757	0.00019408
243	12	0	0	1.126807	0	0	0	0.1745004	11.76	0.19662822	0	0.19662822	1.038E-05
243	13	0	0	1.090128	0	0	0	0.1788323	11.76	0.1949501	0	0.1949501	9.3162E-06
243	14	0	0	1.030012	0	0	0	0.1699997	11.76	0.1751017	0	0.1751017	8.5926E-06
243	15	0	0	1.163678	0	0	0	0.1646407	11.76	0.19158871	0	0.19158871	7.8703E-06
243	16	0	0	1.233403	0	0	0	0.179791	11.76	0.22175477	0	0.22175477	-0.0001732
243	17	0	0	1.487912	0	0	0	0.198844	11.76	0.29586244	0	0.29586244	7.3483E-06
243	18	0	0	1.833388	0	0	0	0.2291341	11.76	0.42009173	0	0.42009173	7.9213E-06
243	19	0	0	1.883803	0	0	0	0.245773	11.76	0.46298782	0	0.46298782	7.7348E-06
243	20	0	0	1.970946	0	0	0	0.2387472	11.76	0.47055792	0	0.47055792	6.8306E-06
243	21	0	0	1.925934	0	0	0	0.2423828	11.76	0.46681329	0	0.46681329	8.3216E-06
243	22	0	0	1.683688	0	0	0	0.2617502	11.76	0.44070578	0	0.44070578	1.0484E-05
243	23	0	0	1.271962	0	0	0	0.2671147	11.76	0.33975974	0	0.33975974	1.0221E-05
243	24	0	0	0.845863	0	0	0	0.2800146	11.76	0.23685402	0	0.23685402	6.0752E-06
244	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	0.01702213
244	2	0	0	0.470898	0	0	0	0.3848558	11.76	0.18122792	0	0.18122792	0.01770566
244	3	0	0	0.466426	0	0	0	0.3982097	11.76	0.18573527	0	0.18573527	0.01871702
244	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.00039772
244	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	1.1078E-06
244	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	1.4774E-06
244	7	0	0	1.590593	0	0	0	0.2855477	11.76	0.45418998	0	0.45418998	3.2678E-06
244	8	0	0	1.337321	0	0	0	0.2725578	11.76	0.36449721	0	0.36449721	0.01281611
244	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	0.01219196
244	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
244	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
244	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	1.4017E-05
244	13	0	0	1.097128	0	0	0	0.2216101	11.76	0.24313456	0	0.24313456	1.1545E-05
244	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
244	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
244	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
244	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
244	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
244	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
244	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
244	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
244	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
244	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	0.01609759
244	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
245	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	4.2999E-06
245	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	2.2939E-06
245	3	0	0	0.513426	0	0	0	0.3982097	11.76	0.20445112	0	0.20445112	0.01792061
245	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	0.04956912
245	5	0	0	0.765656	0	0	0	0.3793158	11.76	0.29042547	0	0.29042547	0.07017452
245	6	0	0	1.124053	0	0	0	0.3645151	11.76	0.40973443	0	0.40973443	0.07436255
245	7	0	0	1.591592	0	0	0	0.2855477	11.76	0.45447551	0	0.45447551	0.01742167
245	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	5.8809E-06
245	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
245	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
245	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
245	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	1.4017E-05
245	13	0	0	1.097128	0	0	0	0.2216101	11.76	0.24313456	0	0.24313456	1.1545E-05
245	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
245	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	-0.0002056
245	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
245	17	0	0	1.494912	0	0	0	0.2913533	11.76	0.4355476	0	0.4355476	1.0732E-05
245	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
245	19	0	0	1.892803	0	0	0	0.3177527	11.76	0.60144314	0	0.60144314	1E-05
245	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
245	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
245	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
245	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
245	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	0.01655824
246	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	4.2999E-06
246	2	0	0	0.516898	0	0	0	0.3848558	11.76	0.19893129	0	0.19893129	0.00038714
246	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	0.00039937
246	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	1.1818E-06
246	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.00038044
246	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.0291627
246	7	0	0	1.590593	0	0	0	0.2855477	11.76	0.45418998	0	0.45418998	0.02513145
246	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	0.01744958
246	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	7.4204E-06
246	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	0.01202892
246	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
246	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	1.4017E-05
246	13	0	0	1.097128	0	0	0	0.2216101	11.76	0.24313456	0	0.24313456	1.1545E-05
246	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
246	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
246	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
246	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
246	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05

246	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
246	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
246	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
246	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
246	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	0.01609759
246	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
247	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	4.2999E-06
247	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	2.2939E-06
247	3	0	0	0.513426	0	0	0	0.3982097	11.76	0.20445112	0	0.20445112	0.03305257
247	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	0.05987924
247	5	0	0	0.765656	0	0	0	0.3793158	11.76	0.29042547	0	0.29042547	0.06334684
247	6	0	0	1.124053	0	0	0	0.3645151	11.76	0.40973443	0	0.40973443	0.06925936
247	7	0	0	1.591592	0	0	0	0.2855477	11.76	0.45447551	0	0.45447551	0.03712446
247	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	5.8809E-06
247	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
247	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
247	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
247	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	1.4017E-05
247	13	0	0	1.097128	0	0	0	0.2216101	11.76	0.24313456	0	0.24313456	1.1545E-05
247	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
247	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
247	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
247	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
247	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
247	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
247	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
247	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
247	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
247	23	0	0	1.323962	0	0	0	0.3496576	11.76	0.4629333	0	0.4629333	1.3338E-05
247	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
248	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	4.2999E-06
248	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	0.04426071
248	3	0	0	0.513426	0	0	0	0.3982097	11.76	0.20445112	0	0.20445112	0.09278403
248	4	0	0.073	0.625648	0	0	0	0.3965435	11.76	0.24809672	0	0.24809672	0.10468867
248	5	0	0.141	0.860656	0	0	0	0.3793158	11.76	0.32646045	0	0.32646045	0.09141623
248	6	0	0.157	1.235053	0	0	0	0.3645151	11.76	0.45019558	0	0.45019558	0.07837223
248	7	0	0.199	1.744592	0	0	0	0.2855477	11.76	0.4981643	0	0.4981643	0.05882611
248	8	0	0.151	1.489321	0	0	0	0.2725578	11.76	0.40592602	0	0.40592602	0.0425249
248	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	7.4204E-06
248	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	1.1826E-05
248	11	0	0	1.215271	0	0	0	0.2410825	11.76	0.29298062	0	0.29298062	-0.0110763
248	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	1.4017E-05
248	13	0	0	1.097128	0	0	0	0.2216101	11.76	0.24313456	0	0.24313456	1.1545E-05
248	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
248	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
248	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
248	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
248	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
248	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
248	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
248	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
248	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
248	23	0	0	1.323962	0	0	0	0.3496576	11.76	0.4629333	0	0.4629333	1.3338E-05
248	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
249	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	0.03551975
249	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	0.09967994
249	3	0	0.109	0.576426	0	0	0	0.3982097	11.76	0.22953832	0	0.22953832	0.11707486
249	4	0	0.205	0.757648	0	0	0	0.3965435	11.76	0.30044045	0	0.30044045	0.11420571
249	5	0	0.289	1.008656	0	0	0	0.3793158	11.76	0.38259921	0	0.38259921	0.10127838
249	6	0	0.229	1.307053	0	0	0	0.3645151	11.76	0.47644067	0	0.47644067	0.08930767
249	7	0	0.235	1.780592	0	0	0	0.2855477	11.76	0.50844402	0	0.50844402	0.06396594
249	8	0	0.213	1.551321	0	0	0	0.2725578	11.76	0.42282458	0	0.42282458	0.04852119
249	9	0	0.133	1.452486	0	0	0	0.2648812	11.76	0.38473611	0	0.38473611	0.03099852
249	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	1.1826E-05
249	11	0	0	1.215271	0	0	0	0.2410825	11.76	0.29298062	0	0.29298062	1.3536E-05
249	12	0	0	1.180807	0	0	0	0.2351609	11.76	0.27767957	0	0.27767957	1.4017E-05
249	13	0	0	1.097128	0	0	0	0.2216101	11.76	0.24313456	0	0.24313456	1.1545E-05
249	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
249	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
249	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
249	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
249	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
249	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
249	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
249	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
249	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	0.01559396
249	23	0	0	1.323962	0	0	0	0.3496576	11.76	0.4629333	0	0.4629333	1.3338E-05
249	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
250	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	4.2999E-06
250	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	2.2939E-06
250	3	0	0	0.513426	0	0	0	0.3982097	11.76	0.20445112	0	0.20445112	0.04659172
250	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	0.07930988
250	5	0	0	0.765656	0	0	0	0.3793158	11.76	0.29042547	0	0.29042547	0.07282972
250	6	0	0.089	1.167053	0	0	0	0.3645151	11.76	0.42540857	0	0.42540857	0.05723037
250	7	0	0.096	1.641593	0	0	0	0.2855477	11.76	0.46875291	0	0.46875291	0.03769555
250	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	0.0160868
250	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	0.01669496
250	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	-0.0117496
250	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
250	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	1.4017E-05
250	13	0	0	1.097128	0	0	0	0.2216101	11.76	0.24313456	0	0.24313456	1.1545E-05
250	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
250	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
250	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
250	17	0	0	1.495912	0	0	0	0.2913533	11.76	0.43583893	0	0.43583893	1.0732E-05
250	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
250	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
250	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
250	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
250	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
250	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	0.01609759
250	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
251	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	4.2999E-06
251	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	0.02809677
251	3	0	0	0.513426	0	0	0	0.3982097	11.76	0.20445112	0	0.20445112	0.09198762
251	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	0.13284325
251	5	0	0.148	0.867656	0	0	0	0.3793158	11.76	0.32911567	0	0.32911567	0.11569241
251	6	0	0.166	1.244053	0	0	0	0.3645151	11.76	0.45347623	0	0.45347623	0.09878507
251	7	0	0	1.591592	0	0	0	0.2855477	11.76	0.45447551	0	0.45447551	0.01199629
251	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	5.8809E-06
251	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
251	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
251	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
251	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	1.4017E-05
251	13	0	0	1.097128	0	0	0	0.2216101	11.76	0.24313456	0	0.24313456	1.1545E-05
251	14	0	0	1.034012	0	0	0	0.2146921	11.76	0.22199413	0	0.22199413	-0.0002038
251	15	0	0	1.167678	0	0	0	0.2158788	11.76	0.25207688	0	0.25207688	-0.010136
251	16	0	0	1.236403	0	0	0	0.2238311	11.76	0.27674547	0	0.27674547	0.00023209

251	17	0	0	1.493912	0	0	0	0.2913533	11.76	0.43525623	0	0.43525623	-0.0002806
251	18	0	0	1.839388	0	0	0	0.3325084	11.76	0.61161195	0	0.61161195	1.1535E-05
251	19	0	0	1.891803	0	0	0	0.3177527	11.76	0.60112541	0	0.60112541	1E-05
251	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
251	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
251	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
251	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
251	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	7.8061E-06
252	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	0.01702213
252	2	0	0	0.516898	0	0	0	0.3848558	11.76	0.19893129	0	0.19893129	0.00038714
252	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	0.00039937
252	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	0.03569009
252	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.06562275
252	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.09368188
252	7	0	0	1.591592	0	0	0	0.2855477	11.76	0.45447551	0	0.45447551	3.2678E-06
252	8	0	0	1.337321	0	0	0	0.2725578	11.76	0.36449721	0	0.36449721	0.01281611
252	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
252	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
252	11	0	0	1.215271	0	0	0	0.2410825	11.76	0.29298062	0	0.29298062	1.3536E-05
252	12	0	0	1.131807	0	0	0	0.2351609	11.76	0.26615671	0	0.26615671	-0.0002212
252	13	0	0	1.143128	0	0	0	0.2216101	11.76	0.25332862	0	0.25332862	1.1545E-05
252	14	0	0	1.032012	0	0	0	0.2146921	11.76	0.22156475	0	0.22156475	-0.0002039
252	15	0	0	1.121678	0	0	0	0.2158788	11.76	0.24214646	0	0.24214646	1.032E-05
252	16	0	0	1.238403	0	0	0	0.2238311	11.76	0.27719312	0	0.27719312	8.2717E-06
252	17	0	0	1.495912	0	0	0	0.2913533	11.76	0.43583893	0	0.43583893	-0.0002806
252	18	0	0	1.842388	0	0	0	0.3325084	11.76	0.61260948	0	0.61260948	1.1535E-05
252	19	0	0	1.892803	0	0	0	0.3177527	11.76	0.60144314	0	0.60144314	1E-05
252	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
252	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
252	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
252	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
252	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	0.01655824
253	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	0.01702213
253	2	0	0	0.516898	0	0	0	0.3848558	11.76	0.19893129	0	0.19893129	0.00038714
253	3	0	0	0.513426	0	0	0	0.3982097	11.76	0.20445112	0	0.20445112	0.04579529
253	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	0.10389559
253	5	0	0	0.765656	0	0	0	0.3793158	11.76	0.29042547	0	0.29042547	0.10620953
253	6	0	0.075	1.153053	0	0	0	0.3645151	11.76	0.42030533	0	0.42030533	0.12174955
253	7	0	0	1.591592	0	0	0	0.2855477	11.76	0.45447551	0	0.45447551	0.01285293
253	8	0	0	1.338321	0	0	0	0.2725578	11.76	0.36476978	0	0.36476978	0.01254354
253	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
253	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
253	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
253	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	1.4017E-05
253	13	0	0	1.096128	0	0	0	0.2216101	11.76	0.24291297	0	0.24291297	1.1545E-05
253	14	0	0	1.080012	0	0	0	0.2146921	11.76	0.23186996	0	0.23186996	-0.009865
253	15	0	0	1.118678	0	0	0	0.2158788	11.76	0.24149882	0	0.24149882	0.00022618
253	16	0	0	1.238403	0	0	0	0.2238311	11.76	0.27719312	0	0.27719312	-0.0002156
253	17	0	0	1.492912	0	0	0	0.2913533	11.76	0.4349649	0	0.4349649	1.0697E-05
253	18	0	0	1.840388	0	0	0	0.3325084	11.76	0.61194447	0	0.61194447	1.1535E-05
253	19	0	0	1.891803	0	0	0	0.3177527	11.76	0.60112541	0	0.60112541	-0.0003077
253	20	0	0	1.977947	0	0	0	0.3205356	11.76	0.63400229	0	0.63400229	9.1706E-06
253	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
253	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
253	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
253	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	7.8061E-06
254	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	0.01702213
254	2	0	0	0.470898	0	0	0	0.3848558	11.76	0.18122792	0	0.18122792	0.01809051
254	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	0.00039937
254	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.01744908
254	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.04931218
254	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.07837223
254	7	0	0	1.590593	0	0	0	0.2855477	11.76	0.45418998	0	0.45418998	0.00028879
254	8	0	0	1.337321	0	0	0	0.2725578	11.76	0.36449721	0	0.36449721	0.00027845
254	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
254	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
254	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
254	12	0	0	1.132807	0	0	0	0.2351609	11.76	0.26639185	0	0.26639185	1.4017E-05
254	13	0	0	1.141128	0	0	0	0.2216101	11.76	0.25288541	0	0.25288541	1.1545E-05
254	14	0	0	1.031012	0	0	0	0.2146921	11.76	0.22135007	0	0.22135007	-0.0002039
254	15	0	0	1.119678	0	0	0	0.2158788	11.76	0.24171471	0	0.24171471	1.0294E-05
254	16	0	0	1.236403	0	0	0	0.2238311	11.76	0.27674547	0	0.27674547	8.2717E-06
254	17	0	0	1.491912	0	0	0	0.2913533	11.76	0.43467353	0	0.43467353	1.0732E-05
254	18	0	0	1.840388	0	0	0	0.3325084	11.76	0.61194447	0	0.61194447	1.1535E-05
254	19	0	0	1.890803	0	0	0	0.3177527	11.76	0.60080768	0	0.60080768	-0.0003078
254	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
254	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
254	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
254	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
254	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	7.8061E-06
255	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	0.01702213
255	2	0	0	0.470898	0	0	0	0.3848558	11.76	0.18122792	0	0.18122792	0.01770566
255	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	0.00039937
255	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.01744908
255	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.04969149
255	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.07983031
255	7	0	0	1.590593	0	0	0	0.2855477	11.76	0.45418998	0	0.45418998	0.00028879
255	8	0	0	1.337321	0	0	0	0.2725578	11.76	0.36449721	0	0.36449721	0.00027845
255	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
255	10	0	0	1.336286	0	0	0	0.2556826	11.76	0.34166497	0	0.34166497	1.1826E-05
255	11	0	0	1.166271	0	0	0	0.2410825	11.76	0.2811676	0	0.2811676	1.3507E-05
255	12	0	0	1.132807	0	0	0	0.2351609	11.76	0.26639185	0	0.26639185	1.4017E-05
255	13	0	0	1.094128	0	0	0	0.2216101	11.76	0.24246975	0	0.24246975	-0.0002101
255	14	0.234	0	1.266012	0	0	0	0.2146921	11.76	0.27180272	0	0.27180272	0.11272418
255	15	0	0	1.117678	0	0	0	0.2158788	11.76	0.24128293	0	0.24128293	0.2920943
255	16	1.05	0	2.286403	0	0	0	0.2238311	11.76	0.51176818	0	0.51176818	0.14326017
255	17	0	0	1.491912	0	0	0	0.2913533	11.76	0.43467353	0	0.43467353	0.51803683
255	18	0	0	1.840388	0	0	0	0.3325084	11.76	0.61194447	0	0.61194447	-0.000321
255	19	0	0	1.890803	0	0	0	0.3177527	11.76	0.60080768	0	0.60080768	1E-05
255	20	0	0	1.977947	0	0	0	0.3205356	11.76	0.63400229	0	0.63400229	9.1706E-06
255	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
255	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
255	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
255	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	7.8061E-06
256	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	4.2999E-06
256	2	0	0	0.470898	0	0	0	0.3848558	11.76	0.18122792	0	0.18122792	0.01770566
256	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	1.163E-06
256	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.00039772
256	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.00038044
256	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.03572397
256	7	0	0	1.544592	0	0	0	0.2855477	11.76	0.44105478	0	0.44105478	0.01342399
256	8	0	0	1.337321	0	0	0	0.2725578	11.76	0.36449721	0	0.36449721	0.00027845
256	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
256	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
256	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
256	12	0	0	1.132807	0	0	0	0.2351609	11.76	0.26639185	0	0.26639185	1.4017E-05
256	13	0	0	1.096128	0	0	0	0.2216101	11.76	0.24291297	0	0.24291297	-0.0002101
256	14	0	0	1.033012	0	0	0	0.2146921	11.76	0.22177945	0	0.22177945	1.0852E-05

256	15	0	0	1.119678	0	0	0	0.2158788	11.76	0.24171471	0	0.24171471	-0.0002056
256	16	0	0	1.237403	0	0	0	0.2238311	11.76	0.27696928	0	0.27696928	0.34672274
256	17	0	0	1.491912	0	0	0	0.2913533	11.76	0.43467353	0	0.43467353	0.49909892
256	18	0	0	1.839388	0	0	0	0.3325084	11.76	0.61161195	0	0.61161195	1.1535E-05
256	19	0	0	1.888803	0	0	0	0.3177527	11.76	0.60017215	0	0.60017215	-0.0003077
256	20	0	0	1.976946	0	0	0	0.3205356	11.76	0.63368174	0	0.63368174	9.1706E-06
256	21	0	0	1.931934	0	0	0	0.3279332	11.76	0.63354543	0	0.63354543	1.1259E-05
256	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
256	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
256	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	7.8061E-06
257	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	4.2999E-06
257	2	0	0	0.470898	0	0	0	0.3848558	11.76	0.18122792	0	0.18122792	0.01770566
257	3	0	0	0.466426	0	0	0	0.3982097	11.76	0.18573527	0	0.18573527	0.01831881
257	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.00039772
257	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.00038044
257	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.01822726
257	7	0	0	1.544592	0	0	0	0.2855477	11.76	0.44105478	0	0.44105478	0.01342399
257	8	0	0	1.337321	0	0	0	0.2725578	11.76	0.36449721	0	0.36449721	0.00027845
257	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
257	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
257	11	0	0	1.215271	0	0	0	0.2410825	11.76	0.29298062	0	0.29298062	1.3536E-05
257	12	0	0	1.130807	0	0	0	0.2351609	11.76	0.26592153	0	0.26592153	1.4017E-05
257	13	0	0	1.141128	0	0	0	0.2216101	11.76	0.25288541	0	0.25288541	0.03059374
257	14	0	0	1.031012	0	0	0	0.2146921	11.76	0.22135007	0	0.22135007	0.23252236
257	15	0	0	1.118678	0	0	0	0.2158788	11.76	0.24149882	0	0.24149882	0.35685789
257	16	1.11	0	2.346403	0	0	0	0.2238311	11.76	0.52519804	0	0.52519804	0.19048854
257	17	1.289	0	2.780912	0	0	0	0.2913533	11.76	0.81022796	0	0.81022796	0.22406139
257	18	0	0	1.839388	0	0	0	0.3325084	11.76	0.61161195	0	0.61161195	0.47815865
257	19	0	0	1.889803	0	0	0	0.3177527	11.76	0.60048992	0	0.60048992	-0.0006255
257	20	0	0	1.976946	0	0	0	0.3205356	11.76	0.63368174	0	0.63368174	9.1706E-06
257	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	-0.0003167
257	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
257	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
257	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	7.8061E-06
258	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	4.2999E-06
258	2	0	0	0.470898	0	0	0	0.3848558	11.76	0.18122792	0	0.18122792	0.01770566
258	3	0	0	0.466426	0	0	0	0.3982097	11.76	0.18573527	0	0.18573527	0.01831881
258	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.00039772
258	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.02996707
258	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.07144647
258	7	0	0	1.590593	0	0	0	0.2855477	11.76	0.45418998	0	0.45418998	0.00028879
258	8	0	0	1.337321	0	0	0	0.2725578	11.76	0.36449721	0	0.36449721	0.01281611
258	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
258	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
258	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
258	12	0	0	1.179807	0	0	0	0.2351609	11.76	0.27744442	0	0.27744442	1.3989E-05
258	13	0	0	1.094128	0	0	0	0.2216101	11.76	0.24246975	0	0.24246975	-0.0002101
258	14	0	0	1.033012	0	0	0	0.2146921	11.76	0.22177945	0	0.22177945	1.0852E-05
258	15	0	0	1.120678	0	0	0	0.2158788	11.76	0.24193057	0	0.24193057	-0.0002056
258	16	0.452	0	1.689403	0	0	0	0.2238311	11.76	0.37814096	0	0.37814096	0.15042278
258	17	0	0	1.491912	0	0	0	0.2913533	11.76	0.43467353	0	0.43467353	0.36012341
258	18	0	0	1.840388	0	0	0	0.3325084	11.76	0.61194447	0	0.61194447	-0.000321
258	19	0	0	1.889803	0	0	0	0.3177527	11.76	0.60048992	0	0.60048992	1E-05
258	20	0	0	1.975946	0	0	0	0.3205356	11.76	0.63336119	0	0.63336119	9.1706E-06
258	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
258	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
258	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
258	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	7.8061E-06
259	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	0.01702213
259	2	0	0	0.516898	0	0	0	0.3848558	11.76	0.19893129	0	0.19893129	0.00038714
259	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	0.00039937
259	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	0.05194838
259	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.06979521
259	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.0944109
259	7	0	0	1.591592	0	0	0	0.2855477	11.76	0.45447551	0	0.45447551	0.08281211
259	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	0.07059837
259	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	0.06066524
259	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	0.04296652
259	11	0	0	1.216271	0	0	0	0.2410825	11.76	0.29322171	0	0.29322171	0.03111317
259	12	0	0	1.180807	0	0	0	0.2351609	11.76	0.27767957	0	0.27767957	1.4017E-05
259	13	0	0	1.144128	0	0	0	0.2216101	11.76	0.25355025	0	0.25355025	1.1545E-05
259	14	0	0	1.082012	0	0	0	0.2146921	11.76	0.23229937	0	0.23229937	1.0826E-05
259	15	0	0	1.169678	0	0	0	0.2158788	11.76	0.25250863	0	0.25250863	1.032E-05
259	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
259	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
259	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
259	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
259	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
259	21	0	0	1.979934	0	0	0	0.3279332	11.76	0.64928622	0	0.64928622	1.1259E-05
259	22	0	0	1.735688	0	0	0	0.3387041	11.76	0.58788482	0	0.58788482	1.3567E-05
259	23	0	0	1.323962	0	0	0	0.3496576	11.76	0.4629333	0	0.4629333	1.3338E-05
259	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	0.00036761
260	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	0.03921928
260	2	0	0.083	0.554898	0	0	0	0.3848558	11.76	0.21355581	0	0.21355581	0.06581263
260	3	0	0.137	0.604426	0	0	0	0.3982097	11.76	0.24068819	0	0.24068819	0.06371473
260	4	0	0.187	0.739648	0	0	0	0.3965435	11.76	0.29330266	0	0.29330266	0.06146544
260	5	0	0.187	0.906656	0	0	0	0.3793158	11.76	0.34390898	0	0.34390898	0.05500188
260	6	0	0.212	1.290053	0	0	0	0.3645151	11.76	0.47024393	0	0.47024393	0.05249167
260	7	0	0.226	1.771592	0	0	0	0.2855477	11.76	0.5058741	0	0.5058741	0.03912329
260	8	0	0.227	1.565321	0	0	0	0.2725578	11.76	0.4266404	0	0.4266404	0.03271282
260	9	0	0.196	1.515486	0	0	0	0.2648812	11.76	0.40142365	0	0.40142365	0.025436
260	10	0	0.153	1.444286	0	0	0	0.2556826	11.76	0.3692787	0	0.3692787	0.0153528
260	11	0	0.129	1.299271	0	0	0	0.2410825	11.76	0.31323157	0	0.31323157	0.00941573
260	12	0	0.084	1.218807	0	0	0	0.2351609	11.76	0.2866157	0	0.2866157	0.00424689
260	13	0	0	1.144128	0	0	0	0.2216101	11.76	0.25355025	0	0.25355025	1.1545E-05
260	14	0	0	1.082012	0	0	0	0.2146921	11.76	0.23229937	0	0.23229937	1.0826E-05
260	15	0	0	1.169678	0	0	0	0.2158788	11.76	0.25250863	0	0.25250863	1.032E-05
260	16	0	0	1.288403	0	0	0	0.2238311	11.76	0.28838467	0	0.28838467	-0.0002155
260	17	0	0	1.543912	0	0	0	0.2913533	11.76	0.44982388	0	0.44982388	-0.0002806
260	18	0	0	1.891388	0	0	0	0.3325084	11.76	0.6289024	0	0.6289024	-0.000321
260	19	0	0	1.939803	0	0	0	0.3177527	11.76	0.61637754	0	0.61637754	1E-05
260	20	0	0	2.025946	0	0	0	0.3205356	11.76	0.64938796	0	0.64938796	-0.0003113
260	21	0	0	1.979934	0	0	0	0.3279332	11.76	0.64928622	0	0.64928622	1.1259E-05
260	22	0	0	1.736688	0	0	0	0.3387041	11.76	0.58822354	0	0.58822354	1.3567E-05
260	23	0	0	1.324962	0	0	0	0.3496576	11.76	0.46328294	0	0.46328294	-0.0003363
260	24	0	0.086	0.934863	0	0	0	0.3597921	11.76	0.3363563	0	0.3363563	0.0136799
261	1	0	0.147	0.722104	0	0	0	0.3699528	11.76	0.2671444	0	0.2671444	0.02664089
261	2	0	0.194	0.665898	0	0	0	0.3848558	11.76	0.25627482	0	0.25627482	0.03579386
261	3	0	0.207	0.674426	0	0	0	0.3982097	11.76	0.2685629	0	0.2685629	0.03862751
261	4	0	0.197	0.749648	0	0	0	0.3965435	11.76	0.29726809	0	0.29726809	0.03687975
261	5	0	0.208	0.927656	0	0	0	0.3793158	11.76	0.35187462	0	0.35187462	0.03527745
261	6	0	0.201	1.279053	0	0	0	0.3645151	11.76	0.46623425	0	0.46623425	0.03207882
261	7	0	0.186	1.731592	0	0	0	0.2855477	11.76	0.49445217	0	0.49445217	0.02227601
261	8	0	0.155	1.493321	0	0	0	0.2725578	11.76	0.40701623	0	0.40701623	0.01554169
261	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	7.4204E-06
261	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	1.1826E-05
261	11	0	0	1.216271	0	0	0	0.2410825	11.76	0.29322171	0	0.29322171	1.3536E-05
261	12	0	0	1.180807	0	0	0	0.2351609	11.76	0.27767957	0	0.27767957	1.4017E-05

261	13	0	0	1.143128	0	0	0	0.2216101	11.76	0.25332862	0	0.25332862	-0.0101825
261	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
261	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
261	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
261	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
261	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
261	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
261	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
261	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
261	22	0	0	1.735688	0	0	0	0.3387041	11.76	0.58788482	0	0.58788482	1.3567E-05
261	23	0	0	1.323962	0	0	0	0.3496576	11.76	0.4629333	0	0.4629333	1.3338E-05
261	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	0.00036761
262	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	0.05549721
262	2	0	0.09	0.561898	0	0	0	0.3848558	11.76	0.21624981	0	0.21624981	0.06735204
262	3	0	0.14	0.607426	0	0	0	0.3982097	11.76	0.24188283	0	0.24188283	0.06530758
262	4	0	0.171	0.723648	0	0	0	0.3965435	11.76	0.28695798	0	0.28695798	0.0594827
262	5	0	0.167	0.886656	0	0	0	0.3793158	11.76	0.33632267	0	0.33632267	0.05348464
262	6	0	0.168	1.246053	0	0	0	0.3645151	11.76	0.45420526	0	0.45420526	0.04665941
262	7	0	0.181	1.726593	0	0	0	0.2855477	11.76	0.49302447	0	0.49302447	0.03426896
262	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	0.01881237
262	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	7.4204E-06
262	10	0	0	1.291286	0	0	0	0.2556826	11.76	0.33015926	0	0.33015926	-0.0002438
262	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	-0.0002276
262	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	-0.0002212
262	13	0	0	1.096128	0	0	0	0.2216101	11.76	0.24291297	0	0.24291297	1.1545E-05
262	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	-0.0002039
262	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
262	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	-0.0002156
262	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	-0.0002806
262	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
262	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	-0.0003078
262	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
262	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	-0.0003167
262	22	0	0	1.735688	0	0	0	0.3387041	11.76	0.58788482	0	0.58788482	1.3567E-05
262	23	0	0	1.323962	0	0	0	0.3496576	11.76	0.4629333	0	0.4629333	1.3338E-05
262	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
263	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	0.0210916
263	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	0.09814052
263	3	0	0.17	0.637426	0	0	0	0.3982097	11.76	0.25382914	0	0.25382914	0.10273928
263	4	0	0.247	0.799648	0	0	0	0.3965435	11.76	0.3170953	0	0.3170953	0.10825756
263	5	0	0.323	1.042656	0	0	0	0.3793158	11.76	0.39549591	0	0.39549591	0.09976118
263	6	0	0.348	1.426053	0	0	0	0.3645151	11.76	0.51981795	0	0.51981795	0.09040127
263	7	0	0.163	1.708593	0	0	0	0.2855477	11.76	0.48788461	0	0.48788461	0.04569088
263	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	5.8809E-06
263	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	7.4204E-06
263	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05
263	11	0	0	1.168271	0	0	0	0.2410825	11.76	0.28164976	0	0.28164976	-0.0002276
263	12	0	0	1.133807	0	0	0	0.2351609	11.76	0.26662702	0	0.26662702	-0.0002212
263	13	0	0	1.096128	0	0	0	0.2216101	11.76	0.24291297	0	0.24291297	1.1545E-05
263	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	-0.0002039
263	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
263	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	-0.0002156
263	17	0	0	1.495912	0	0	0	0.2913533	11.76	0.43583893	0	0.43583893	-0.0002806
263	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
263	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	-0.0003078
263	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
263	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	-0.0003167
263	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
263	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	0.01609759
263	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
264	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	4.2999E-06
264	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	2.2939E-06
264	3	0	0	0.513426	0	0	0	0.3982097	11.76	0.20445112	0	0.20445112	0.01792061
264	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	0.04481059
264	5	0	0	0.765656	0	0	0	0.3793158	11.76	0.29042547	0	0.29042547	0.06220888
264	6	0	0	1.124053	0	0	0	0.3645151	11.76	0.40973443	0	0.40973443	0.07035291
264	7	0	0	1.591592	0	0	0	0.2855477	11.76	0.45447551	0	0.45447551	0.06396597
264	8	0	0.088	1.426321	0	0	0	0.2725578	11.76	0.38875485	0	0.38875485	0.0490663
264	9	0	0.11	1.429486	0	0	0	0.2648812	11.76	0.37864384	0	0.37864384	0.04106403
264	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	0.0329949
264	11	0	0	1.216271	0	0	0	0.2410825	11.76	0.29322171	0	0.29322171	1.3536E-05
264	12	0	0	1.180807	0	0	0	0.2351609	11.76	0.27767957	0	0.27767957	1.4017E-05
264	13	0	0	1.143128	0	0	0	0.2216101	11.76	0.25332862	0	0.25332862	1.1545E-05
264	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
264	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
264	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
264	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
264	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
264	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
264	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
264	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
264	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
264	23	0	0	1.323962	0	0	0	0.3496576	11.76	0.4629333	0	0.4629333	1.3338E-05
264	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
265	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	4.2999E-06
265	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	0.02270879
265	3	0	0	0.513426	0	0	0	0.3982097	11.76	0.20445112	0	0.20445112	0.06610401
265	4	0	0.116	0.668648	0	0	0	0.3965435	11.76	0.26514808	0	0.26514808	0.0729652
265	5	0	0.125	0.844656	0	0	0	0.3793158	11.76	0.32039141	0	0.32039141	0.06448479
265	6	0	0.154	1.232053	0	0	0	0.3645151	11.76	0.44910202	0	0.44910202	0.05795939
265	7	0	0.11	1.655592	0	0	0	0.2855477	11.76	0.47275056	0	0.47275056	0.03255573
265	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	0.02017516
265	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	7.4204E-06
265	10	0	0	1.291286	0	0	0	0.2556826	11.76	0.33015926	0	0.33015926	1.1826E-05
265	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
265	12	0	0	1.179807	0	0	0	0.2351609	11.76	0.27744442	0	0.27744442	1.3989E-05
265	13	0	0	1.095128	0	0	0	0.2216101	11.76	0.24269135	0	0.24269135	-0.0002101
265	14	0	0	1.080012	0	0	0	0.2146921	11.76	0.23186996	0	0.23186996	-0.0002039
265	15	0	0	1.118678	0	0	0	0.2158788	11.76	0.24149882	0	0.24149882	-0.0002056
265	16	0.571	0	1.808403	0	0	0	0.2238311	11.76	0.40477686	0	0.40477686	0.20369463
265	17	0	0	1.491912	0	0	0	0.2913533	11.76	0.43467353	0	0.43467353	0.47549928
265	18	0	0	1.839388	0	0	0	0.3325084	11.76	0.61161195	0	0.61161195	1.1535E-05
265	19	0	0	1.890803	0	0	0	0.3177527	11.76	0.60080768	0	0.60080768	1E-05
265	20	0	0	1.976946	0	0	0	0.3205356	11.76	0.63368174	0	0.63368174	9.1706E-06
265	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
265	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
265	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
265	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	7.8061E-06
266	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	0.01702213
266	2	0	0	0.470898	0	0	0	0.3848558	11.76	0.18122792	0	0.18122792	0.01770566
266	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	0.00039937
266	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.00039772
266	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.03186365
266	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.04410782
266	7	0	0	1.590593	0	0	0	0.2855477	11.76	0.45418998	0	0.45418998	0.01199625
266	8	0	0	1.337321	0	0	0	0.2725578	11.76	0.36449721	0	0.36449721	0.01281611
266	9	0	0	1.318486	0	0	0	0.2648812	11.76	0.34924204	0	0.34924204	7.4204E-06
266	10	0	0	1.290286	0	0	0	0.2556826	11.76	0.32990357	0	0.32990357	1.1857E-05

266	11	0	0	1.169271	0	0	0	0.2410825	11.76	0.28189082	0	0.28189082	1.3536E-05
266	12	0	0	1.178807	0	0	0	0.2351609	11.76	0.27720925	0	0.27720925	1.4017E-05
266	13	0	0	1.094128	0	0	0	0.2216101	11.76	0.24246975	0	0.24246975	-0.0002101
266	14	0	0	1.078012	0	0	0	0.2146921	11.76	0.23144059	0	0.23144059	0.14106355
266	15	0	0	1.117678	0	0	0	0.2158788	11.76	0.24128293	0	0.24128293	0.29144665
266	16	0	0	1.236403	0	0	0	0.2238311	11.76	0.27674547	0	0.27674547	0.37156796
266	17	0	0	1.491912	0	0	0	0.2913533	11.76	0.43467353	0	0.43467353	0.49676806
266	18	0	0	1.840388	0	0	0	0.3325084	11.76	0.61194447	0	0.61194447	0.37242098
266	19	0	0	1.891803	0	0	0	0.3177527	11.76	0.60112541	0	0.60112541	-0.0009433
266	20	0	0	1.976946	0	0	0	0.3205356	11.76	0.63368174	0	0.63368174	0.00032972
266	21	0	0	1.932934	0	0	0	0.3279332	11.76	0.63387338	0	0.63387338	-0.0003167
266	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	1.3567E-05
266	23	0	0	1.277962	0	0	0	0.3496576	11.76	0.44684905	0	0.44684905	1.3338E-05
266	24	0	0	0.847863	0	0	0	0.3597921	11.76	0.30505438	0	0.30505438	7.8061E-06
267	1	0	0	0.574104	0	0	0	0.3699528	11.76	0.21239138	0	0.21239138	0.01702213
267	2	0	0	0.470898	0	0	0	0.3848558	11.76	0.18122792	0	0.18122792	0.01770566
267	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	0.00039937
267	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.00039772
267	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.03869134
267	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.04702395
267	7	0	0	1.590593	0	0	0	0.2855477	11.76	0.45418998	0	0.45418998	0.03826664
267	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	0.03162257
267	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	0.01563541
267	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	1.1826E-05
267	11	0	0	1.215271	0	0	0	0.2410825	11.76	0.29298062	0	0.29298062	0.00025463
267	12	0	0	1.179807	0	0	0	0.2351609	11.76	0.27744442	0	0.27744442	0.00024916
267	13	0	0	1.097128	0	0	0	0.2216101	11.76	0.24313456	0	0.24313456	0.01020561
267	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	1.0852E-05
267	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	1.0294E-05
267	16	0	0	1.241403	0	0	0	0.2238311	11.76	0.27786462	0	0.27786462	8.2717E-06
267	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
267	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
267	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
267	20	0	0	1.978946	0	0	0	0.3205356	11.76	0.63432281	0	0.63432281	9.1706E-06
267	21	0	0	1.933934	0	0	0	0.3279332	11.76	0.63420129	0	0.63420129	1.1259E-05
267	22	0	0	1.689688	0	0	0	0.3387041	11.76	0.57230443	0	0.57230443	0.01559396
267	23	0	0	1.323962	0	0	0	0.3496576	11.76	0.4629333	0	0.4629333	1.3338E-05
267	24	0	0	0.893863	0	0	0	0.3597921	11.76	0.32160482	0	0.32160482	7.8061E-06
268	1	0	0	0.620104	0	0	0	0.3699528	11.76	0.22940921	0	0.22940921	4.2999E-06
268	2	0	0	0.517898	0	0	0	0.3848558	11.76	0.19931614	0	0.19931614	0.03656358
268	3	0	0	0.513426	0	0	0	0.3982097	11.76	0.20445112	0	0.20445112	0.07088251
268	4	0	0	0.598648	0	0	0	0.3965435	11.76	0.23739004	0	0.23739004	0.07613753
268	5	0	0	0.765656	0	0	0	0.3793158	11.76	0.29042547	0	0.29042547	0.05803642
268	6	0	0	1.124053	0	0	0	0.3645151	11.76	0.40973443	0	0.40973443	0.0565013
268	7	0	0.088	1.633592	0	0	0	0.2855477	11.76	0.46646852	0	0.46646852	0.0336979
268	8	0	0.097	1.435321	0	0	0	0.2725578	11.76	0.39120789	0	0.39120789	0.02726167
268	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	0.01007293
268	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	1.1826E-05
268	11	0	0	1.216271	0	0	0	0.2410825	11.76	0.29322171	0	0.29322171	1.3536E-05
268	12	0	0	1.180807	0	0	0	0.2351609	11.76	0.27767957	0	0.27767957	1.4017E-05
268	13	0	0	1.143128	0	0	0	0.2216101	11.76	0.25332862	0	0.25332862	1.1545E-05
268	14	0	0	1.082012	0	0	0	0.2146921	11.76	0.23229937	0	0.23229937	1.0826E-05
268	15	0	0	1.169678	0	0	0	0.2158788	11.76	0.25250863	0	0.25250863	1.032E-05
268	16	0	0	1.287403	0	0	0	0.2238311	11.76	0.28816085	0	0.28816085	8.2717E-06
268	17	0	0	1.543912	0	0	0	0.2913533	11.76	0.44982388	0	0.44982388	-0.0002806
268	18	0	0	1.891388	0	0	0	0.3325084	11.76	0.6289024	0	0.6289024	-0.000321
268	19	0	0	1.939803	0	0	0	0.3177527	11.76	0.61637754	0	0.61637754	1E-05
268	20	0	0	2.025946	0	0	0	0.3205356	11.76	0.64938796	0	0.64938796	9.1706E-06
268	21	0	0	1.979934	0	0	0	0.3279332	11.76	0.64928622	0	0.64928622	1.1259E-05
268	22	0	0	1.736688	0	0	0	0.3387041	11.76	0.58822354	0	0.58822354	1.3567E-05
268	23	0	0	1.324962	0	0	0	0.3496576	11.76	0.46328294	0	0.46328294	1.338E-05
268	24	0	0	0.894863	0	0	0	0.3597921	11.76	0.32196463	0	0.32196463	0.02843138
269	1	0	0.087	0.662104	0	0	0	0.3699528	11.76	0.24494723	0	0.24494723	0.04069909
269	2	0	0.145	0.616898	0	0	0	0.3848558	11.76	0.23741688	0	0.23741688	0.04272126
269	3	0	0.168	0.635426	0	0	0	0.3982097	11.76	0.2530327	0	0.2530327	0.04300783
269	4	0	0.178	0.730648	0	0	0	0.3965435	11.76	0.28973379	0	0.28973379	0.03925898
269	5	0	0.166	0.885656	0	0	0	0.3793158	11.76	0.33594336	0	0.33594336	0.03527747
269	6	0	0.154	1.232053	0	0	0	0.3645151	11.76	0.44910202	0	0.44910202	0.03062078
269	7	0	0.166	1.711592	0	0	0	0.2855477	11.76	0.48874123	0	0.48874123	0.0239893
269	8	0	0.194	1.532321	0	0	0	0.2725578	11.76	0.417646	0	0.417646	0.02371841
269	9	0	0.158	1.477486	0	0	0	0.2648812	11.76	0.39135817	0	0.39135817	0.01960863
269	10	0	0.158	1.449286	0	0	0	0.2556826	11.76	0.37055711	0	0.37055711	0.01330733
269	11	0	0.127	1.297271	0	0	0	0.2410825	11.76	0.31274939	0	0.31274939	0.01110333
269	12	0	0	1.180807	0	0	0	0.2351609	11.76	0.27767957	0	0.27767957	0.00824464
269	13	0	0	1.144128	0	0	0	0.2216101	11.76	0.25355025	0	0.25355025	1.1545E-05
269	14	0	0.114	1.150012	0	0	0	0.2146921	11.76	0.24689842	0	0.24689842	0.00666631
269	15	0	0	1.170678	0	0	0	0.2158788	11.76	0.25272452	0	0.25272452	0.00950897
269	16	0	0	1.288403	0	0	0	0.2238311	11.76	0.28838467	0	0.28838467	8.2717E-06
269	17	0	0	1.496912	0	0	0	0.2913533	11.76	0.4361303	0	0.4361303	1.0732E-05
269	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	1.1535E-05
269	19	0	0	1.893803	0	0	0	0.3177527	11.76	0.60176095	0	0.60176095	1E-05
269	20	0	0	2.024946	0	0	0	0.3205356	11.76	0.64906745	0	0.64906745	9.1706E-06
269	21	0	0	1.979934	0	0	0	0.3279332	11.76	0.64928622	0	0.64928622	1.1259E-05
269	22	0	0	1.736688	0	0	0	0.3387041	11.76	0.58822354	0	0.58822354	1.3567E-05
269	23	0	0.082	1.360962	0	0	0	0.3496576	11.76	0.47587061	0	0.47587061	0.05945515
269	24	0	0.225	1.073863	0	0	0	0.3597921	11.76	0.38636742	0	0.38636742	0.07052705
270	1	0	0.417	0.992104	0	0	0	0.3699528	11.76	0.36703164	0	0.36703164	0.08731314
270	2	0	0.509	0.980898	0	0	0	0.3848558	11.76	0.37750437	0	0.37750437	0.09814052
270	3	0	0.557	1.024426	0	0	0	0.3982097	11.76	0.40793632	0	0.40793632	0.1126945
270	4	0	0.693	1.245648	0	0	0	0.3965435	11.76	0.4939537	0	0.4939537	0.12729164
270	5	0	0.677	1.396656	0	0	0	0.3793158	11.76	0.52977368	0	0.52977368	0.11607175
270	6	0	0.548	1.626053	0	0	0	0.3645151	11.76	0.59272098	0	0.59272098	0.08894318
270	7	0	0.468	2.013592	0	0	0	0.2855477	11.76	0.57497663	0	0.57497663	0.05796946
270	8	0	0.399	1.737321	0	0	0	0.2725578	11.76	0.47352036	0	0.47352036	0.03979933
270	9	0	0.149	1.468486	0	0	0	0.2648812	11.76	0.38897422	0	0.38897422	0.00662944
270	10	0	0.11	1.401286	0	0	0	0.2556826	11.76	0.35828435	0	0.35828435	0.00103457
270	11	0	0	1.216271	0	0	0	0.2410825	11.76	0.29322171	0	0.29322171	1.3536E-05
270	12	0	0	1.180807	0	0	0	0.2351609	11.76	0.27767957	0	0.27767957	-0.0002212
270	13	0	0	1.143128	0	0	0	0.2216101	11.76	0.25332862	0	0.25332862	1.1545E-05
270	14	0	0	1.035012	0	0	0	0.2146921	11.76	0.22220883	0	0.22220883	-0.0002039
270	15	0	0	1.122678	0	0	0	0.2158788	11.76	0.24236235	0	0.24236235	-0.0002056
270	16	0	0	1.240403	0	0	0	0.2238311	11.76	0.27764078	0	0.27764078	8.2717E-06
270	17	0	0	1.495912	0	0	0	0.2913533	11.76	0.43583893	0	0.43583893	1.0732E-05
270	18	0	0	1.844388	0	0	0	0.3325084	11.76	0.61327449	0	0.61327449	-0.000321
270	19	0	0	1.938803	0	0	0	0.3177527	11.76	0.61605977	0	0.61605977	-0.0003077
270	20	0	0	2.024946	0	0	0	0.3205356	11.76	0.64906745	0	0.64906745	-0.0003113
270	21	0	0	1.978934	0	0	0	0.3279332	11.76	0.64895831	0	0.64895831	1.1259E-05
270	22	0	0	1.735688	0	0	0	0.3387041	11.76	0.58788482	0	0.58788482	1.3567E-05
270	23	0	0	1.323962	0	0	0	0.3496576	11.76	0.4629333	0	0.4629333	1.3338E-05
270	24	0	0.096	0.944863	0	0	0	0.3597921	11.76	0.33995422	0	0.33995422	0.0460612
271	1	0	0.172	0.747104	0	0	0	0.3699528	11.76	0.27639321	0	0.27639321	0.06511599
271	2	0	0.325	0.796898	0	0	0	0.3848558	11.76	0.30669092	0	0.30669092	0.07774315
271	3	0	0.448	0.915426	0	0	0	0.3982097	11.76	0.36453142	0	0.36453142	0.09835899
271	4	0	0.469	1.021648	0	0	0	0.3965435	11.76	0.40512796	0	0.40512796	0.09596471
271	5	0	0.495	1.214656	0	0	0	0.3793158	11.76	0.46073824	0	0.46073824	0.09483002
271	6	0	0.508	1.586053	0	0	0	0.3645151	11.76	0.57814039	0	0.57814039	0.0896722
271	7	0	0.43	1.975592	0	0	0	0.2855477	11.76	0.56412583	0	0.56412583	0.0559706
271	8	0	0.15	1.488321	0	0	0	0.2725578	11.76	0.40565345	0	0.40565345	0.01772215

271	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	7.4204E-06
271	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	1.1826E-05
271	11	0	0	1.215271	0	0	0	0.2410825	11.76	0.29298062	0	0.29298062	-0.0002276
271	12	0	0	1.178807	0	0	0	0.2351609	11.76	0.27720925	0	0.27720925	1.4017E-05
271	13	0	0	1.141128	0	0	0	0.2216101	11.76	0.25288541	0	0.25288541	-0.0104041
271	14	0	0	1.033012	0	0	0	0.2146921	11.76	0.22177945	0	0.22177945	-0.0002039
271	15	0	0	1.119678	0	0	0	0.2158788	11.76	0.24171471	0	0.24171471	1.0294E-05
271	16	0	0	1.238403	0	0	0	0.2238311	11.76	0.27719312	0	0.27719312	8.2717E-06
271	17	0	0	1.493912	0	0	0	0.2913533	11.76	0.43525623	0	0.43525623	1.0732E-05
271	18	0	0	1.841388	0	0	0	0.3325084	11.76	0.61227696	0	0.61227696	1.1535E-05
271	19	0	0	1.890803	0	0	0	0.3177527	11.76	0.60080768	0	0.60080768	1E-05
271	20	0	0	1.975946	0	0	0	0.3205356	11.76	0.63336119	0	0.63336119	9.1706E-06
271	21	0	0	1.930934	0	0	0	0.3279332	11.76	0.63321753	0	0.63321753	1.1259E-05
271	22	0	0	1.732688	0	0	0	0.3387041	11.76	0.5868687	0	0.5868687	0.00035229
271	23	0	0	1.320962	0	0	0	0.3496576	11.76	0.46188432	0	0.46188432	0.00036301
271	24	0	0	0.891863	0	0	0	0.3597921	11.76	0.32088525	0	0.32088525	7.8061E-06
272	1	0	0	0.618104	0	0	0	0.3699528	11.76	0.22866929	0	0.22866929	0.00037425
272	2	0	0	0.515898	0	0	0	0.3848558	11.76	0.19854644	0	0.19854644	0.00038714
272	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	0.00039937
272	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.04044862
272	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.06486413
272	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.09623348
272	7	0	0	1.590593	0	0	0	0.2855477	11.76	0.45418998	0	0.45418998	0.06682141
272	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	0.0468858
272	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	0.01113245
272	10	0	0	1.336286	0	0	0	0.2556826	11.76	0.34166497	0	0.34166497	0.00026752
272	11	0	0	1.215271	0	0	0	0.2410825	11.76	0.29298062	0	0.29298062	1.3536E-05
272	12	0	0	1.179807	0	0	0	0.2351609	11.76	0.27744442	0	0.27744442	1.3989E-05
272	13	0	0	1.142128	0	0	0	0.2216101	11.76	0.25310703	0	0.25310703	1.1545E-05
272	14	0	0	1.033012	0	0	0	0.2146921	11.76	0.22177945	0	0.22177945	1.0852E-05
272	15	0	0	1.119678	0	0	0	0.2158788	11.76	0.24171471	0	0.24171471	0.00022618
272	16	0	0	1.238403	0	0	0	0.2238311	11.76	0.27719312	0	0.27719312	8.2717E-06
272	17	0	0	1.493912	0	0	0	0.2913533	11.76	0.43525623	0	0.43525623	1.0732E-05
272	18	0	0	1.842388	0	0	0	0.3325084	11.76	0.61260948	0	0.61260948	1.1535E-05
272	19	0	0	1.890803	0	0	0	0.3177527	11.76	0.60080768	0	0.60080768	0.00032773
272	20	0	0	1.976946	0	0	0	0.3205356	11.76	0.63368174	0	0.63368174	9.1706E-06
272	21	0	0	1.931934	0	0	0	0.3279332	11.76	0.63354543	0	0.63354543	1.1259E-05
272	22	0	0	1.687688	0	0	0	0.3387041	11.76	0.57162703	0	0.57162703	0.01559396
272	23	0	0	1.321962	0	0	0	0.3496576	11.76	0.46223396	0	0.46223396	1.338E-05
272	24	0	0	0.891863	0	0	0	0.3597921	11.76	0.32088525	0	0.32088525	0.00036759
273	1	0	0	0.618104	0	0	0	0.3699528	11.76	0.22866929	0	0.22866929	0.00037425
273	2	0	0	0.515898	0	0	0	0.3848558	11.76	0.19854644	0	0.19854644	0.00038714
273	3	0	0	0.512426	0	0	0	0.3982097	11.76	0.20405292	0	0.20405292	0.00039937
273	4	0	0	0.597648	0	0	0	0.3965435	11.76	0.2369935	0	0.2369935	0.03727627
273	5	0	0	0.764656	0	0	0	0.3793158	11.76	0.29004614	0	0.29004614	0.08269196
273	6	0	0	1.123053	0	0	0	0.3645151	11.76	0.40936989	0	0.40936989	0.09295286
273	7	0	0	1.590593	0	0	0	0.2855477	11.76	0.45418998	0	0.45418998	0.09194959
273	8	0	0	1.384321	0	0	0	0.2725578	11.76	0.37730744	0	0.37730744	0.08095553
273	9	0	0	1.365486	0	0	0	0.2648812	11.76	0.36169144	0	0.36169144	0.0654331
273	10	0	0	1.337286	0	0	0	0.2556826	11.76	0.34192066	0	0.34192066	0.05293812
273	11	0	0	1.216271	0	0	0	0.2410825	11.76	0.29322171	0	0.29322171	0.02195203
273	12	0	0	1.180807	0	0	0	0.2351609	11.76	0.27767957	0	0.27767957	1.4017E-05
273	13	0	0	1.143128	0	0	0	0.2216101	11.76	0.25332862	0	0.25332862	0.00023317
273	14	0	0	1.081012	0	0	0	0.2146921	11.76	0.23208467	0	0.23208467	1.0852E-05
273	15	0	0	1.121678	0	0	0	0.2158788	11.76	0.24214646	0	0.24214646	1.032E-05
273	16	0	0	1.239403	0	0	0	0.2238311	11.76	0.27741694	0	0.27741694	8.2717E-06
273	17	0	0	1.495912	0	0	0	0.2913533	11.76	0.43583893	0	0.43583893	-0.0002806
273	18	0	0	1.843388	0	0	0	0.3325084	11.76	0.612942	0	0.612942	1.1495E-05
273	19	0	0	1.891803	0	0	0	0.3177527	11.76	0.60112541	0	0.60112541	1E-05
273	20	0	0	1.977947	0	0	0	0.3205356	11.76	0.63400229	0	0.63400229	9.1706E-06
273	21	0	0	1.932934	0	0	0	0.3279332	11.76	0.63387338	0	0.63387338	-0.0003167
273	22	0	0	1.734688	0	0	0	0.3387041	11.76	0.58754614	0	0.58754614	1.3567E-05
273	23	0	0	1.322962	0	0	0	0.3496576	11.76	0.46258363	0	0.46258363	1.338E-05
273	24	0	0	0.892863	0	0	0	0.3597921	11.76	0.32124503	0	0.32124503	7.8061E-06
274	1	0	0	0.622104	0	0	0	0.291088	11.76	0.18108698	0	0.18108698	3.3833E-06
274	2	0	0	0.516898	0	0	0	0.2938686	11.76	0.15190015	0	0.15190015	1.7516E-06
274	3	0	0	0.512426	0	0	0	0.2929378	11.76	0.15010887	0	0.15010887	0.00029379
274	4	0	0	0.597648	0	0	0	0.2976441	11.76	0.17788644	0	0.17788644	0.00029853
274	5	0	0	0.770656	0	0	0	0.2897015	11.76	0.22326024	0	0.22326024	0.00029054
274	6	0	0	1.135053	0	0	0	0.2796389	11.76	0.31740509	0	0.31740509	1.1667E-06
274	7	0	0	1.620592	0	0	0	0.2276983	11.76	0.36900614	0	0.36900614	0.00023031
274	8	0	0	1.407321	0	0	0	0.1971232	11.76	0.27741561	0	0.27741561	0.00020136
274	9	0	0	1.389486	0	0	0	0.1998659	11.76	0.27771078	0	0.27771078	0.00020547
274	10	0	0	1.314286	0	0	0	0.1991642	11.76	0.2617587	0	0.2617587	0.00936994
274	11	0	0	1.190271	0	0	0	0.1876832	11.76	0.2233939	0	0.2233939	0.00883161
274	12	0	0	1.152807	0	0	0	0.1963563	11.76	0.22636092	0	0.22636092	0.00904407
274	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	1.0427E-05
274	14	0	0	1.050012	0	0	0	0.1869737	11.76	0.19632459	0	0.19632459	-0.0001775
274	15	0	0	1.136678	0	0	0	0.1836285	11.76	0.20872651	0	0.20872651	-0.0001749
274	16	0	0	1.257403	0	0	0	0.2212139	11.76	0.27815495	0	0.27815495	-0.000213
274	17	0	0	1.515912	0	0	0	0.2686529	11.76	0.40725422	0	0.40725422	9.864E-06
274	18	0	0	1.867388	0	0	0	0.2683427	11.76	0.50109979	0	0.50109979	9.3088E-06
274	19	0	0	1.918803	0	0	0	0.267867	11.76	0.51398395	0	0.51398395	8.4301E-06
274	20	0	0	2.001946	0	0	0	0.2696162	11.76	0.5397571	0	0.5397571	7.7138E-06
274	21	0	0	1.953934	0	0	0	0.2747784	11.76	0.53689904	0	0.53689904	9.4338E-06
274	22	0	0	1.753688	0	0	0	0.2731432	11.76	0.47900813	0	0.47900813	1.0941E-05
274	23	0	0	1.339962	0	0	0	0.2819907	11.76	0.3778568	0	0.3778568	1.0791E-05
274	24	0	0	0.899863	0	0	0	0.289679	11.76	0.26067142	0	0.26067142	6.2849E-06
275	1	0	0	0.623104	0	0	0	0.291088	11.76	0.18137807	0	0.18137807	0.02445477
275	2	0	0.133	0.604898	0	0	0	0.2938686	11.76	0.17776059	0	0.17776059	0.06465283
275	3	0	0.227	0.694426	0	0	0	0.2929378	11.76	0.20342355	0	0.20342355	0.070013
275	4	0	0.359	0.911648	0	0	0	0.2976441	11.76	0.27134669	0	0.27134669	0.07590009
275	5	0	0.363	1.088656	0	0	0	0.2897015	11.76	0.31538529	0	0.31538529	0.06750128
275	6	0	0.39	1.480053	0	0	0	0.2796389	11.76	0.41388052	0	0.41388052	0.06515701
275	7	0	0.343	1.918592	0	0	0	0.2276983	11.76	0.43686023	0	0.43686023	0.04258219
275	8	0	0.213	1.575321	0	0	0	0.1971232	11.76	0.31053231	0	0.31053231	0.02681302
275	9	0	0.085	1.429486	0	0	0	0.1998659	11.76	0.28570543	0	0.28570543	0.01079834
275	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
275	11	0	0	1.237271	0	0	0	0.1876832	11.76	0.232215	0	0.232215	1.0516E-05
275	12	0	0	1.153807	0	0	0	0.1963563	11.76	0.22655726	0	0.22655726	-0.0001847
275	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	1.0427E-05
275	14	0	0	1.050012	0	0	0	0.1869737	11.76	0.19632459	0	0.19632459	-0.0001775
275	15	0	0	1.136678	0	0	0	0.1836285	11.76	0.20872651	0	0.20872651	8.7561E-06
275	16	0	0	1.257403	0	0	0	0.2212139	11.76	0.27815495	0	0.27815495	-0.000213
275	17	0	0	1.515912	0	0	0	0.2686529	11.76	0.40725422	0	0.40725422	9.864E-06
275	18	0	0	1.867388	0	0	0	0.2683427	11.76	0.50109979	0	0.50109979	9.3088E-06
275	19	0	0	1.918803	0	0	0	0.267867	11.76	0.51398395	0	0.51398395	8.4301E-06
275	20	0	0	2.001946	0	0	0	0.2696162	11.76	0.5397571	0	0.5397571	7.7138E-06
275	21	0	0	1.953934	0	0	0	0.2747784	11.76	0.53689904	0	0.53689904	0.01264924
275	22	0	0	1.753688	0	0	0	0.2731432	11.76	0.47900813	0	0.47900813	1.0941E-05
275	23	0	0	1.339962	0	0	0	0.2819907	11.76	0.3778568	0	0.3778568	1.0791E-05
275	24	0	0	0.899863	0	0	0	0.289679	11.76	0.26067142	0	0.26067142	0.03737486
276	1	0	0.102	0.680104	0	0	0	0.291088	11.76	0.19797009	0	0.19797009	0.08645651
276	2	0	0.204	0.675898	0	0	0	0.2938686	11.76	0.19862527	0	0.19862527	0.08463589
276	3	0	0.298	0.765426	0	0	0	0.2929378	11.76	0.22422212	0	0.22422212	0.08993279
276	4	0	0.343	0.895648	0	0	0	0.2976441	11.76	0.26658438	0	0.26658438	0.08691298
276	5	0	0.511	1.236656	0	0	0	0.2897015	11.76	0.35826111	0	0.35826111	0.09212592
276	6	0	0.446	1.536053	0	0	0	0.2796389	11.76	0.42954029	0	0.42954029	0.07941859

276	7	0	0.36	1.935593	0	0	0	0.2276983	11.76	0.44073112	0	0.44073112	0.04941316
276	8	0	0	1.408321	0	0	0	0.1971232	11.76	0.27761272	0	0.27761272	4.2533E-06
276	9	0	0	1.390486	0	0	0	0.1998659	11.76	0.27791066	0	0.27791066	5.5991E-06
276	10	0	0	1.314286	0	0	0	0.1991642	11.76	0.2617587	0	0.2617587	9.212E-06
276	11	0	0	1.190271	0	0	0	0.1876832	11.76	0.2233939	0	0.2233939	1.0516E-05
276	12	0	0	1.152807	0	0	0	0.1963563	11.76	0.22636092	0	0.22636092	1.168E-05
276	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	1.0427E-05
276	14	0	0	1.050012	0	0	0	0.1869737	11.76	0.19632459	0	0.19632459	-0.0001775
276	15	0	0	1.136678	0	0	0	0.1836285	11.76	0.20872651	0	0.20872651	-0.0001749
276	16	0	0	1.257403	0	0	0	0.2212139	11.76	0.27815495	0	0.27815495	-0.000213
276	17	0	0	1.515912	0	0	0	0.2686529	11.76	0.40725422	0	0.40725422	9.864E-06
276	18	0	0	1.867388	0	0	0	0.2683427	11.76	0.50109979	0	0.50109979	9.3088E-06
276	19	0	0	1.918803	0	0	0	0.267867	11.76	0.51398395	0	0.51398395	8.4301E-06
276	20	0	0	2.001946	0	0	0	0.2696162	11.76	0.5397571	0	0.5397571	7.7138E-06
276	21	0	0	1.953934	0	0	0	0.2747784	11.76	0.53689904	0	0.53689904	9.4338E-06
276	22	0	0	1.707688	0	0	0	0.2731432	11.76	0.46644354	0	0.46644354	0.01257553
276	23	0	0	1.339962	0	0	0	0.2819907	11.76	0.3778568	0	0.3778568	-0.0002712
276	24	0	0	0.899863	0	0	0	0.289679	11.76	0.26067142	0	0.26067142	0.00029596
277	1	0	0	0.623104	0	0	0	0.291088	11.76	0.18137807	0	0.18137807	0.05094378
277	2	0	0	0.517898	0	0	0	0.2938686	11.76	0.15219402	0	0.15219402	0.08492976
277	3	0	0.124	0.591426	0	0	0	0.2929378	11.76	0.17325095	0	0.17325095	0.08026583
277	4	0	0.174	0.726648	0	0	0	0.2976441	11.76	0.21628252	0	0.21628252	0.07560249
277	5	0	0.196	0.921656	0	0	0	0.2897015	11.76	0.26700515	0	0.26700515	0.06779101
277	6	0	0.251	1.341053	0	0	0	0.2796389	11.76	0.37501073	0	0.37501073	0.06487736
277	7	0	0.176	1.751593	0	0	0	0.2276983	11.76	0.39883463	0	0.39883463	0.03825592
277	8	0	0	1.408321	0	0	0	0.1971232	11.76	0.27761272	0	0.27761272	4.2533E-06
277	9	0	0	1.343486	0	0	0	0.1998659	11.76	0.26851695	0	0.26851695	5.5991E-06
277	10	0	0	1.314286	0	0	0	0.1991642	11.76	0.2617587	0	0.2617587	9.212E-06
277	11	0	0	1.190271	0	0	0	0.1876832	11.76	0.2233939	0	0.2233939	1.0516E-05
277	12	0	0	1.152807	0	0	0	0.1963563	11.76	0.22636092	0	0.22636092	1.168E-05
277	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	1.0427E-05
277	14	0	0	1.049012	0	0	0	0.1869737	11.76	0.19613763	0	0.19613763	-0.0001776
277	15	0	0	1.134678	0	0	0	0.1836285	11.76	0.20835926	0	0.20835926	8.7561E-06
277	16	0	0	1.254403	0	0	0	0.2212139	11.76	0.2774913	0	0.2774913	8.1749E-06
277	17	0	0	1.514912	0	0	0	0.2686529	11.76	0.40698556	0	0.40698556	9.896E-06
277	18	0	0	1.865388	0	0	0	0.2683427	11.76	0.50056312	0	0.50056312	9.3088E-06
277	19	0	0	1.918803	0	0	0	0.267867	11.76	0.51398395	0	0.51398395	8.4301E-06
277	20	0	0	2.001946	0	0	0	0.2696162	11.76	0.5397571	0	0.5397571	7.7138E-06
277	21	0	0	1.953934	0	0	0	0.2747784	11.76	0.53689904	0	0.53689904	9.4338E-06
277	22	0	0	1.707688	0	0	0	0.2731432	11.76	0.46644354	0	0.46644354	1.0941E-05
277	23	0	0	1.293962	0	0	0	0.2819907	11.76	0.36488522	0	0.36488522	0.01298237
277	24	0	0	0.899863	0	0	0	0.289679	11.76	0.26067142	0	0.26067142	6.2849E-06
278	1	0	0	0.623104	0	0	0	0.291088	11.76	0.18137807	0	0.18137807	3.3833E-06
278	2	0	0	0.517898	0	0	0	0.2938686	11.76	0.15219402	0	0.15219402	0.05025328
278	3	0	0	0.513426	0	0	0	0.2929378	11.76	0.1504018	0	0.1504018	0.10926665
278	4	0	0.218	0.770648	0	0	0	0.2976441	11.76	0.22937886	0	0.22937886	0.11042686
278	5	0	0.322	1.047656	0	0	0	0.2897015	11.76	0.30350753	0	0.30350753	0.10921831
278	6	0	0.374	1.464053	0	0	0	0.2796389	11.76	0.40940629	0	0.40940629	0.09787479
278	7	0	0.308	1.883592	0	0	0	0.2276983	11.76	0.42889079	0	0.42889079	0.06421357
278	8	0	0	1.408321	0	0	0	0.1971232	11.76	0.27761272	0	0.27761272	0.02168781
278	9	0	0	1.390486	0	0	0	0.1998659	11.76	0.27791066	0	0.27791066	5.5991E-06
278	10	0	0	1.315286	0	0	0	0.1991642	11.76	0.26195785	0	0.26195785	9.2357E-06
278	11	0	0	1.190271	0	0	0	0.1876832	11.76	0.2233939	0	0.2233939	1.0516E-05
278	12	0	0	1.152807	0	0	0	0.1963563	11.76	0.22636092	0	0.22636092	1.168E-05
278	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	1.0427E-05
278	14	0	0	1.050012	0	0	0	0.1869737	11.76	0.19632459	0	0.19632459	-0.0001775
278	15	0	0	1.136678	0	0	0	0.1836285	11.76	0.20872651	0	0.20872651	8.7561E-06
278	16	0	0	1.257403	0	0	0	0.2212139	11.76	0.27815495	0	0.27815495	-0.000213
278	17	0	0	1.515912	0	0	0	0.2686529	11.76	0.40725422	0	0.40725422	9.864E-06
278	18	0	0	1.867388	0	0	0	0.2683427	11.76	0.50109979	0	0.50109979	9.3088E-06
278	19	0	0	1.918803	0	0	0	0.267867	11.76	0.51398395	0	0.51398395	8.4301E-06
278	20	0	0	2.001946	0	0	0	0.2696162	11.76	0.5397571	0	0.5397571	0.01241006
278	21	0	0	1.999934	0	0	0	0.2747784	11.76	0.54953885	0	0.54953885	9.4338E-06
278	22	0	0	1.754688	0	0	0	0.2731432	11.76	0.47928128	0	0.47928128	1.0941E-05
278	23	0	0	1.339962	0	0	0	0.2819907	11.76	0.3778568	0	0.3778568	0.02538997
278	24	0	0.087	0.941863	0	0	0	0.289679	11.76	0.27283793	0	0.27283793	0.06721179
279	1	0	0.199	0.777104	0	0	0	0.291088	11.76	0.22620563	0	0.22620563	0.06986448
279	2	0	0.294	0.765898	0	0	0	0.2938686	11.76	0.22507343	0	0.22507343	0.07376276
279	3	0	0.263	0.730426	0	0	0	0.2929378	11.76	0.21396931	0	0.21396931	0.06210369
279	4	0	0.297	0.849648	0	0	0	0.2976441	11.76	0.25289275	0	0.25289275	0.06072028
279	5	0	0.278	1.003656	0	0	0	0.2897015	11.76	0.29076066	0	0.29076066	0.05330594
279	6	0	0.272	1.362053	0	0	0	0.2796389	11.76	0.38088312	0	0.38088312	0.04642123
279	7	0	0.291	1.866593	0	0	0	0.2276983	11.76	0.42501993	0	0.42501993	0.03597891
279	8	0	0.137	1.499321	0	0	0	0.1971232	11.76	0.29555095	0	0.29555095	0.01183163
279	9	0	0	1.390486	0	0	0	0.1998659	11.76	0.27791066	0	0.27791066	5.5991E-06
279	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
279	11	0	0	1.191271	0	0	0	0.1876832	11.76	0.22358157	0	0.22358157	-0.0001772
279	12	0	0	1.152807	0	0	0	0.1963563	11.76	0.22636092	0	0.22636092	1.168E-05
279	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	1.0427E-05
279	14	0	0	1.050012	0	0	0	0.1869737	11.76	0.19632459	0	0.19632459	-0.0001775
279	15	0	0	1.136678	0	0	0	0.1836285	11.76	0.20872651	0	0.20872651	-0.0001749
279	16	0	0	1.257403	0	0	0	0.2212139	11.76	0.27815495	0	0.27815495	-0.000213
279	17	0	0	1.515912	0	0	0	0.2686529	11.76	0.40725422	0	0.40725422	9.864E-06
279	18	0	0	1.867388	0	0	0	0.2683427	11.76	0.50109979	0	0.50109979	9.3088E-06
279	19	0	0	1.918803	0	0	0	0.267867	11.76	0.51398395	0	0.51398395	8.4301E-06
279	20	0	0	2.001946	0	0	0	0.2696162	11.76	0.5397571	0	0.5397571	7.7138E-06
279	21	0	0	1.953934	0	0	0	0.2747784	11.76	0.53689904	0	0.53689904	9.4338E-06
279	22	0	0	1.753688	0	0	0	0.2731432	11.76	0.47900813	0	0.47900813	1.0941E-05
279	23	0	0	1.339962	0	0	0	0.2819907	11.76	0.3778568	0	0.3778568	1.0791E-05
279	24	0	0	0.899863	0	0	0	0.289679	11.76	0.26067142	0	0.26067142	0.01275215
280	1	0	0	0.623104	0	0	0	0.291088	11.76	0.18137807	0	0.18137807	0.07161104
280	2	0	0.161	0.632898	0	0	0	0.2938686	11.76	0.18598891	0	0.18598891	0.07346889
280	3	0	0.229	0.696426	0	0	0	0.2929378	11.76	0.20400941	0	0.20400941	0.07557883
280	4	0	0.291	0.843648	0	0	0	0.2976441	11.76	0.25110689	0	0.25110689	0.07768599
280	5	0	0.317	1.042656	0	0	0	0.2897015	11.76	0.30205902	0	0.30205902	0.07387474
280	6	0	0.4	1.490053	0	0	0	0.2796389	11.76	0.4166769	0	0.4166769	0.07019054
280	7	0	0.365	1.940593	0	0	0	0.2276983	11.76	0.44186961	0	0.44186961	0.05032392
280	8	0	0	1.408321	0	0	0	0.1971232	11.76	0.27761272	0	0.27761272	0.01124028
280	9	0	0	1.390486	0	0	0	0.1998659	11.76	0.27791066	0	0.27791066	5.5991E-06
280	10	0	0	1.315286	0	0	0	0.1991642	11.76	0.26195785	0	0.26195785	9.2357E-06
280	11	0	0	1.190271	0	0	0	0.1876832	11.76	0.2233939	0	0.2233939	1.0516E-05
280	12	0	0	1.152807	0	0	0	0.1963563	11.76	0.22636092	0	0.22636092	1.168E-05
280	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	1.0427E-05
280	14	0	0	1.050012	0	0	0	0.1869737	11.76	0.19632459	0	0.19632459	-0.0001775
280	15	0	0	1.136678	0	0	0	0.1836285	11.76	0.20872651	0	0.20872651	-0.0001749
280	16	0	0	1.257403	0	0	0	0.2212139	11.76	0.27815495	0	0.27815495	-0.000213
280	17	0	0	1.515912	0	0	0	0.2686529	11.76	0.40725422	0	0.40725422	9.864E-06
280	18	0	0	1.867388	0	0	0	0.2683427	11.76	0.50109979	0	0.50109979	9.3088E-06
280	19	0	0	1.918803	0	0	0	0.267867	11.76	0.51398395	0	0.51398395	8.4301E-06
280	20	0	0	2.001946	0	0	0	0.2696162	11.76	0.5397571	0	0.5397571	7.7138E-06
280	21	0	0	1.953934	0	0	0	0.2747784	11.76	0.53689904	0	0.53689904	9.4338E-06
280	22	0	0	1.753688	0	0	0	0.2731432	11.76	0.47900813	0	0.47900813	1.0941E-05
280	23	0	0	1.339962	0	0	0	0.2819907	11.76	0.3778568	0	0.3778568	1.0791E-05
280	24	0	0	0.899863	0	0	0	0.289679	11.76	0.26067142	0	0.26067142	0.02086316
281	1	0	0	0.623104	0	0	0	0.291088	11.76	0.18137807	0	0.18137807	0.08325454
281	2	0	0.25	0.721898	0	0	0	0.2938686	11.76	0.21214322	0	0.21214322	0.08551747
281	3	0	0.331	0.798426	0	0	0	0.2929378	11.76	0.23388907	0	0.23388907	0.08553873
281	4	0	0.385	0.937648	0	0	0	0.2976441	11.76	0.27908543	0	0.27908543	0.08572237

281	5	0	0.31	1.035656	0	0	0	0.2897015	11.76	0.30003112	0	0.30003112	0.07706143
281	6	0	0.38	1.470053	0	0	0	0.2796389	11.76	0.41108413	0	0.41108413	0.06907194
281	7	0	0.411	1.986593	0	0	0	0.2276983	11.76	0.45234373	0	0.45234373	0.05556098
281	8	0	0.279	1.641321	0	0	0	0.1971232	11.76	0.32354244	0	0.32354244	0.02779863
281	9	0	0.262	1.606486	0	0	0	0.1998659	11.76	0.32108168	0	0.32108168	0.02978563
281	10	0	0.166	1.481286	0	0	0	0.1991642	11.76	0.29501914	0	0.29501914	0.01534486
281	11	0	0	1.237271	0	0	0	0.1876832	11.76	0.232215	0	0.232215	1.0516E-05
281	12	0	0	1.153807	0	0	0	0.1963563	11.76	0.22655726	0	0.22655726	1.1704E-05
281	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	1.0427E-05
281	14	0	0	1.050012	0	0	0	0.1869737	11.76	0.19632459	0	0.19632459	-0.0001775
281	15	0	0	1.135678	0	0	0	0.1836285	11.76	0.20854289	0	0.20854289	8.7561E-06
281	16	0	0	1.257403	0	0	0	0.2212139	11.76	0.27815495	0	0.27815495	-0.000213
281	17	0	0	1.515912	0	0	0	0.2686529	11.76	0.40725422	0	0.40725422	9.864E-06
281	18	0	0	1.867388	0	0	0	0.2683427	11.76	0.50109979	0	0.50109979	9.3088E-06
281	19	0	0	1.918803	0	0	0	0.267867	11.76	0.51398395	0	0.51398395	-0.0002594
281	20	0	0	2.001946	0	0	0	0.2696162	11.76	0.5397571	0	0.5397571	7.7138E-06
281	21	0	0	1.953934	0	0	0	0.2747784	11.76	0.53689904	0	0.53689904	0.01264924
281	22	0	0	1.753688	0	0	0	0.2731432	11.76	0.47900813	0	0.47900813	1.0941E-05
281	23	0	0	1.339962	0	0	0	0.2819907	11.76	0.3778568	0	0.3778568	-0.0002712
281	24	0	0	0.899863	0	0	0	0.289679	11.76	0.26067142	0	0.26067142	6.2849E-06
282	1	0	0	0.623104	0	0	0	0.291088	11.76	0.18137807	0	0.18137807	3.3833E-06
282	2	0	0	0.517898	0	0	0	0.2938686	11.76	0.15219402	0	0.15219402	0.01528291
282	3	0	0.102	0.569426	0	0	0	0.2929378	11.76	0.16680632	0	0.16680632	0.04862855
282	4	0	0.167	0.719648	0	0	0	0.2976441	11.76	0.21419902	0	0.21419902	0.05298153
282	5	0	0.2	0.925656	0	0	0	0.2897015	11.76	0.26816396	0	0.26816396	0.05098829
282	6	0	0.201	1.291053	0	0	0	0.2796389	11.76	0.36102876	0	0.36102876	0.0469805
282	7	0	0.24	1.815593	0	0	0	0.2276983	11.76	0.41340732	0	0.41340732	0.03802823
282	8	0	0.178	1.540321	0	0	0	0.1971232	11.76	0.303633	0	0.303633	0.02444752
282	9	0	0	1.390486	0	0	0	0.1998659	11.76	0.27791066	0	0.27791066	5.5991E-06
282	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
282	11	0	0	1.190271	0	0	0	0.1876832	11.76	0.2233939	0	0.2233939	1.0516E-05
282	12	0	0	1.152807	0	0	0	0.1963563	11.76	0.22636092	0	0.22636092	1.168E-05
282	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	1.0427E-05
282	14	0	0	1.049012	0	0	0	0.1869737	11.76	0.19613763	0	0.19613763	9.4282E-06
282	15	0	0	1.135678	0	0	0	0.1836285	11.76	0.20854289	0	0.20854289	8.7561E-06
282	16	0	0	1.256403	0	0	0	0.2212139	11.76	0.27793372	0	0.27793372	8.1749E-06
282	17	0	0	1.515912	0	0	0	0.2686529	11.76	0.40725422	0	0.40725422	9.864E-06
282	18	0	0	1.867388	0	0	0	0.2683427	11.76	0.50109979	0	0.50109979	-0.000259
282	19	0	0	1.918803	0	0	0	0.267867	11.76	0.51398395	0	0.51398395	-0.0002594
282	20	0	0	2.001946	0	0	0	0.2696162	11.76	0.5397571	0	0.5397571	-0.0002619
282	21	0	0	1.999934	0	0	0	0.2747784	11.76	0.54953885	0	0.54953885	-0.0002654
282	22	0	0	1.753688	0	0	0	0.2731432	11.76	0.47900813	0	0.47900813	1.0941E-05
282	23	0	0	1.339962	0	0	0	0.2819907	11.76	0.3778568	0	0.3778568	-0.0002712
282	24	0	0	0.899863	0	0	0	0.289679	11.76	0.26067142	0	0.26067142	6.2849E-06
283	1	0	0	0.623104	0	0	0	0.291088	11.76	0.18137807	0	0.18137807	3.3833E-06
283	2	0	0	0.517898	0	0	0	0.2938686	11.76	0.15219402	0	0.15219402	0.04114335
283	3	0	0.105	0.572426	0	0	0	0.2929378	11.76	0.16768514	0	0.16768514	0.04306272
283	4	0	0.156	0.708648	0	0	0	0.2976441	11.76	0.21092492	0	0.21092492	0.04494515
283	5	0	0.158	0.883656	0	0	0	0.2897015	11.76	0.2559965	0	0.2559965	0.04084876
283	6	0	0.166	1.256053	0	0	0	0.2796389	11.76	0.35124141	0	0.35124141	0.03719311
283	7	0	0.211	1.786592	0	0	0	0.2276983	11.76	0.40680406	0	0.40680406	0.03142497
283	8	0	0.241	1.603321	0	0	0	0.1971232	11.76	0.31605176	0	0.31605176	0.02838998
283	9	0	0.22	1.564486	0	0	0	0.1998659	11.76	0.31268733	0	0.31268733	0.02259043
283	10	0	0.189	1.504286	0	0	0	0.1991642	11.76	0.29959992	0	0.29959992	0.01813315
283	11	0	0.144	1.335271	0	0	0	0.1876832	11.76	0.25060796	0	0.25060796	0.01183455
283	12	0	0	1.200807	0	0	0	0.1963563	11.76	0.23578602	0	0.23578602	1.168E-05
283	13	0	0	1.160128	0	0	0	0.2001478	11.76	0.23219702	0	0.23219702	1.0427E-05
283	14	0	0	1.096012	0	0	0	0.1869737	11.76	0.20492539	0	0.20492539	9.4505E-06
283	15	0	0	1.182678	0	0	0	0.1836285	11.76	0.21717342	0	0.21717342	8.7561E-06
283	16	0	0	1.256403	0	0	0	0.2212139	11.76	0.27793372	0	0.27793372	8.1749E-06
283	17	0	0	1.515912	0	0	0	0.2686529	11.76	0.40725422	0	0.40725422	0.01209926
283	18	0	0	1.913388	0	0	0	0.2683427	11.76	0.51344356	0	0.51344356	-0.000259
283	19	0	0	1.964803	0	0	0	0.267867	11.76	0.52630584	0	0.52630584	8.4301E-06
283	20	0	0	2.047946	0	0	0	0.2696162	11.76	0.55215944	0	0.55215944	7.7138E-06
283	21	0	0	1.999934	0	0	0	0.2747784	11.76	0.54953885	0	0.54953885	9.4338E-06
283	22	0	0	1.754688	0	0	0	0.2731432	11.76	0.47928128	0	0.47928128	1.0941E-05
283	23	0	0	1.339962	0	0	0	0.2819907	11.76	0.3778568	0	0.3778568	0.02398001
283	24	0	0.268	1.122863	0	0	0	0.289679	11.76	0.32526985	0	0.32526985	0.04577556
284	1	0	0.432	1.010104	0	0	0	0.291088	11.76	0.2940291	0	0.2940291	0.064916
284	2	0	0.609	1.080898	0	0	0	0.2938686	11.76	0.31764203	0	0.31764203	0.08816231
284	3	0	0.601	1.068426	0	0	0	0.2929378	11.76	0.31298227	0	0.31298227	0.08290227
284	4	0	0.635	1.187648	0	0	0	0.2976441	11.76	0.35349647	0	0.35349647	0.08840116
284	5	0	0.568	1.293656	0	0	0	0.2897015	11.76	0.37477407	0	0.37477407	0.07677175
284	6	0	0.618	1.708053	0	0	0	0.2796389	11.76	0.47763817	0	0.47763817	0.07830009
284	7	0	0.635	2.210593	0	0	0	0.2276983	11.76	0.50334814	0	0.50334814	0.06125346
284	8	0	0.524	1.886321	0	0	0	0.1971232	11.76	0.37183763	0	0.37183763	0.03982315
284	9	0	0.262	1.606486	0	0	0	0.1998659	11.76	0.32108168	0	0.32108168	0.01399622
284	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
284	11	0	0	1.237271	0	0	0	0.1876832	11.76	0.232215	0	0.232215	1.0516E-05
284	12	0	0	1.199807	0	0	0	0.1963563	11.76	0.23558965	0	0.23558965	-0.0001847
284	13	0	0	1.113128	0	0	0	0.2001478	11.76	0.22279006	0	0.22279006	-0.0001897
284	14	0	0	1.048012	0	0	0	0.1869737	11.76	0.19595065	0	0.19595065	9.4282E-06
284	15	0	0	1.134678	0	0	0	0.1836285	11.76	0.20835926	0	0.20835926	8.7561E-06
284	16	0	0	1.255403	0	0	0	0.2212139	11.76	0.2777125	0	0.2777125	8.1749E-06
284	17	0	0	1.514912	0	0	0	0.2686529	11.76	0.40698556	0	0.40698556	9.896E-06
284	18	0	0	1.866388	0	0	0	0.2683427	11.76	0.50083147	0	0.50083147	-0.000259
284	19	0	0	1.917803	0	0	0	0.267867	11.76	0.5137161	0	0.5137161	-0.0002594
284	20	0	0	2.046947	0	0	0	0.2696162	11.76	0.55188985	0	0.55188985	-0.0002619
284	21	0	0	1.998934	0	0	0	0.2747784	11.76	0.54926406	0	0.54926406	-0.0002654
284	22	0	0.096	1.802688	0	0	0	0.2731432	11.76	0.49239215	0	0.49239215	1.0941E-05
284	23	0	0.096	1.388962	0	0	0	0.2819907	11.76	0.39167435	0	0.39167435	1.0791E-05
284	24	0	0.096	0.949863	0	0	0	0.289679	11.76	0.27515535	0	0.27515535	6.2849E-06
285	1	0	0.096	0.673104	0	0	0	0.291088	11.76	0.19593247	0	0.19593247	0.14030778
285	2	0	0.376	0.847898	0	0	0	0.2938686	11.76	0.24917066	0	0.24917066	0.13811997
285	3	0	0.43	0.897426	0	0	0	0.2929378	11.76	0.26288992	0	0.26288992	0.11717601
285	4	0	0.623	1.175648	0	0	0	0.2976441	11.76	0.34992475	0	0.34992475	0.13959596
285	5	0	0.636	1.361656	0	0	0	0.2897015	11.76	0.39447379	0	0.39447379	0.1263107
285	6	0	0.619	1.709053	0	0	0	0.2796389	11.76	0.47791782	0	0.47791782	0.11157707
285	7	0	0.776	2.351593	0	0	0	0.2276983	11.76	0.53545361	0	0.53545361	0.09859599
285	8	0	0.536	1.898321	0	0	0	0.1971232	11.76	0.37420312	0	0.37420312	0.05756422
285	9	0	0.335	1.679486	0	0	0	0.1998659	11.76	0.33567191	0	0.33567191	0.03258374
285	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
285	11	0	0	1.237271	0	0	0	0.1876832	11.76	0.232215	0	0.232215	1.0516E-05
285	12	0	0	1.198807	0	0	0	0.1963563	11.76	0.23539329	0	0.23539329	1.1704E-05
285	13	0	0	1.159128	0	0	0	0.2001478	11.76	0.23199686	0	0.23199686	-0.0093965
285	14	0	0	1.048012	0	0	0	0.1869737	11.76	0.19595065	0	0.19595065	-0.0001775
285	15	0	0	1.134678	0	0	0	0.1836285	11.76	0.20835926	0	0.20835926	-0.0001749
285	16	0	0	1.255403	0	0	0	0.2212139	11.76	0.2777125	0	0.2777125	-0.000213
285	17	0	0	1.513912	0	0	0	0.2686529	11.76	0.40671689	0	0.40671689	9.896E-06
285	18	0	0	1.865388	0	0	0	0.2683427	11.76	0.50056312	0	0.50056312	9.3088E-06
285	19	0	0	1.962803	0	0	0	0.267867	11.76	0.52577011	0	0.52577011	8.4301E-06
285	20	0	0	2.045946	0	0	0	0.2696162	11.76	0.55162018	0	0.55162018	7.7138E-06
285	21	0	0.096	2.047934	0	0	0	0.2747784	11.76	0.56272821	0	0.56272821	9.4338E-06
285	22	0	0	1.752688	0	0	0	0.2731432	11.76	0.478735	0	0.478735	1.0941E-05
285	23	0	0.096	1.388962	0	0	0	0.2819907	11.76	0.39167435	0	0.39167435	1.0791E-05
285	24	0	0.096	0.949863	0	0	0	0.289679	11.76	0.27515535	0	0.27515535	6.2849E-06
286	1	0	0.096	0.673104	0	0	0	0.291088	11.76	0.19593247	0	0.19593247	0.11847617
286	2	0	0.29	0.761898	0	0	0	0.2938686	11.76	0.22389795	0	0.22389795	0.1613356

286	3	0	0.462	0.929426	0	0	0	0.2929378	11.76	0.27226393	0	0.27226393	0.15232853
286	4	0	0.656	1.208648	0	0	0	0.2976441	11.76	0.35974697	0	0.35974697	0.16727688
286	5	0	0.762	1.487656	0	0	0	0.2897015	11.76	0.43097619	0	0.43097619	0.16049545
286	6	0	0.69	1.780053	0	0	0	0.2796389	11.76	0.49777218	0	0.49777218	0.13115181
286	7	0	0.786	2.361593	0	0	0	0.2276983	11.76	0.53773059	0	0.53773059	0.10679313
286	8	0	0.611	1.973321	0	0	0	0.1971232	11.76	0.38898735	0	0.38898735	0.06643476
286	9	0	0.547	1.891486	0	0	0	0.1998659	11.76	0.37804348	0	0.37804348	0.05456896
286	10	0	0.389	1.704286	0	0	0	0.1991642	11.76	0.33943275	0	0.33943275	0.03207468
286	11	0	0.202	1.393271	0	0	0	0.1876832	11.76	0.26149357	0	0.26149357	0.01521285
286	12	0	0.114	1.268807	0	0	0	0.1963563	11.76	0.24913824	0	0.24913824	0.00472424
286	13	0	0	1.161128	0	0	0	0.2001478	11.76	0.23239715	0	0.23239715	1.0427E-05
286	14	0	0	1.097012	0	0	0	0.1869737	11.76	0.20511237	0	0.20511237	9.4282E-06
286	15	0	0	1.183678	0	0	0	0.1836285	11.76	0.21735706	0	0.21735706	8.7561E-06
286	16	0	0	1.304403	0	0	0	0.2212139	11.76	0.28855198	0	0.28855198	8.1749E-06
286	17	0	0	1.563912	0	0	0	0.2686529	11.76	0.42014956	0	0.42014956	-0.0002588
286	18	0	0.073	1.941388	0	0	0	0.2683427	11.76	0.52095715	0	0.52095715	-0.007236
286	19	0	0.096	2.015803	0	0	0	0.267867	11.76	0.53996708	0	0.53996708	0.0034907
286	20	0	0.226	2.228946	0	0	0	0.2696162	11.76	0.60095996	0	0.60095996	0.01564547
286	21	0	0.283	2.237934	0	0	0	0.2747784	11.76	0.61493613	0	0.61493613	0.02556381
286	22	0	0.371	2.080688	0	0	0	0.2731432	11.76	0.56832601	0	0.56832601	0.03579265
286	23	0	0.446	1.740962	0	0	0	0.2819907	11.76	0.49093508	0	0.49093508	0.04738519
286	24	0	0.507	1.361863	0	0	0	0.289679	11.76	0.39450308	0	0.39450308	0.05446596
287	1	0	0.542	1.120104	0	0	0	0.291088	11.76	0.32604878	0	0.32604878	0.05938534
287	2	0	0.486	0.957898	0	0	0	0.2938686	11.76	0.28149619	0	0.28149619	0.05965706
287	3	0	0.488	0.955426	0	0	0	0.2929378	11.76	0.27988031	0	0.27988031	0.05858843
287	4	0	0.565	1.117648	0	0	0	0.2976441	11.76	0.33266137	0	0.33266137	0.05863675
287	5	0	0.554	1.279656	0	0	0	0.2897015	11.76	0.37071827	0	0.37071827	0.0631558
287	6	0	0.556	1.646053	0	0	0	0.2796389	11.76	0.46030058	0	0.46030058	0.05453073
287	7	0	0.559	2.134593	0	0	0	0.2276983	11.76	0.48604308	0	0.48604308	0.04713616
287	8	0	0.345	1.707321	0	0	0	0.1971232	11.76	0.33655259	0	0.33655259	0.01813957
287	9	0	0	1.390486	0	0	0	0.1998659	11.76	0.27791066	0	0.27791066	5.5991E-06
287	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
287	11	0	0	1.236271	0	0	0	0.1876832	11.76	0.23202731	0	0.23202731	1.0538E-05
287	12	0	0	1.198807	0	0	0	0.1963563	11.76	0.23539329	0	0.23539329	1.1704E-05
287	13	0	0	1.159128	0	0	0	0.2001478	11.76	0.23199686	0	0.23199686	-0.0001897
287	14	0	0	1.094012	0	0	0	0.1869737	11.76	0.20455144	0	0.20455144	9.4282E-06
287	15	0	0	1.180678	0	0	0	0.1836285	11.76	0.21680617	0	0.21680617	-0.0001749
287	16	0	0	1.301403	0	0	0	0.2212139	11.76	0.28788834	0	0.28788834	-0.000213
287	17	0	0	1.560912	0	0	0	0.2686529	11.76	0.41934359	0	0.41934359	-0.0002588
287	18	0	0	1.911388	0	0	0	0.2683427	11.76	0.51290688	0	0.51290688	9.3088E-06
287	19	0	0	1.963803	0	0	0	0.267867	11.76	0.52603799	0	0.52603799	-0.0002594
287	20	0	0	2.046947	0	0	0	0.2696162	11.76	0.55188985	0	0.55188985	7.7138E-06
287	21	0	0	1.998934	0	0	0	0.2747784	11.76	0.54926406	0	0.54926406	9.4338E-06
287	22	0	0.096	1.803688	0	0	0	0.2731432	11.76	0.49266531	0	0.49266531	1.0941E-05
287	23	0	0.096	1.389962	0	0	0	0.2819907	11.76	0.39195635	0	0.39195635	1.0757E-05
287	24	0	0.096	0.949863	0	0	0	0.289679	11.76	0.27515535	0	0.27515535	0.01912509
288	1	0	0.15	0.728104	0	0	0	0.291088	11.76	0.21194231	0	0.21194231	0.07248429
288	2	0	0.307	0.778898	0	0	0	0.2938686	11.76	0.22889373	0	0.22889373	0.08022785
288	3	0	0.417	0.884426	0	0	0	0.2929378	11.76	0.25908173	0	0.25908173	0.08348816
288	4	0	0.474	1.026648	0	0	0	0.2976441	11.76	0.30557577	0	0.30557577	0.08482941
288	5	0	0.471	1.196656	0	0	0	0.2897015	11.76	0.34667306	0	0.34667306	0.07561292
288	6	0	0.483	1.573053	0	0	0	0.2796389	11.76	0.43988692	0	0.43988692	0.06963124
288	7	0	0.521	2.096592	0	0	0	0.2276983	11.76	0.47739052	0	0.47739052	0.05692718
288	8	0	0.557	1.919321	0	0	0	0.1971232	11.76	0.37834269	0	0.37834269	0.04790522
288	9	0	0.569	1.913486	0	0	0	0.1998659	11.76	0.38244052	0	0.38244052	0.04557501
288	10	0	0.524	1.839286	0	0	0	0.1991642	11.76	0.36631991	0	0.36631991	0.0374521
288	11	0	0.343	1.534271	0	0	0	0.1876832	11.76	0.28795688	0	0.28795688	0.02403399
288	12	0	0.271	1.425807	0	0	0	0.1963563	11.76	0.27996619	0	0.27996619	0.01670197
288	13	0	0.218	1.333128	0	0	0	0.2001478	11.76	0.26682258	0	0.26682258	0.00901707
288	14	0	0.145	1.196012	0	0	0	0.1869737	11.76	0.22362276	0	0.22362276	0.00356194
288	15	0	0	1.183678	0	0	0	0.1836285	11.76	0.21735706	0	0.21735706	8.7561E-06
288	16	0	0	1.303403	0	0	0	0.2212139	11.76	0.28833076	0	0.28833076	8.1749E-06
288	17	0	0	1.562912	0	0	0	0.2686529	11.76	0.41988089	0	0.41988089	9.896E-06
288	18	0	0	1.914388	0	0	0	0.2683427	11.76	0.51371188	0	0.51371188	-0.000259
288	19	0	0	1.965803	0	0	0	0.267867	11.76	0.52657371	0	0.52657371	8.4301E-06
288	20	0	0.144	2.146946	0	0	0	0.2696162	11.76	0.57885144	0	0.57885144	0.00432158
288	21	0	0.177	2.131934	0	0	0	0.2747784	11.76	0.58580956	0	0.58580956	0.0228161
288	22	0	0.389	2.098688	0	0	0	0.2731432	11.76	0.57324255	0	0.57324255	0.04289445
288	23	0	0.504	1.798962	0	0	0	0.2819907	11.76	0.50729057	0	0.50729057	0.05725489
288	24	0	0.775	1.629863	0	0	0	0.289679	11.76	0.47213709	0	0.47213709	0.09009642
289	1	0	0.714	1.292104	0	0	0	0.291088	11.76	0.37611592	0	0.37611592	0.08470997
289	2	0	0.813	1.284898	0	0	0	0.2938686	11.76	0.37759121	0	0.37759121	0.0958029
289	3	0	0.825	1.292426	0	0	0	0.2929378	11.76	0.37860037	0	0.37860037	0.09608446
289	4	0	0.826	1.378648	0	0	0	0.2976441	11.76	0.41034645	0	0.41034645	0.09822345
289	5	0	0.794	1.519656	0	0	0	0.2897015	11.76	0.44024662	0	0.44024662	0.09212592
289	6	0	0.866	1.956053	0	0	0	0.2796389	11.76	0.54698866	0	0.54698866	0.09731549
289	7	0	0.933	2.508593	0	0	0	0.2276983	11.76	0.57120225	0	0.57120225	0.08334017
289	8	0	0.538	1.900321	0	0	0	0.1971232	11.76	0.37459734	0	0.37459734	0.02957273
289	9	0	0.096	1.440486	0	0	0	0.1998659	11.76	0.28790394	0	0.28790394	5.5991E-06
289	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
289	11	0	0	1.237271	0	0	0	0.1876832	11.76	0.232215	0	0.232215	-0.0001772
289	12	0	0	1.198807	0	0	0	0.1963563	11.76	0.23539329	0	0.23539329	1.1704E-05
289	13	0	0	1.159128	0	0	0	0.2001478	11.76	0.23199686	0	0.23199686	-0.0001897
289	14	0	0	1.094012	0	0	0	0.1869737	11.76	0.20455144	0	0.20455144	-0.0001775
289	15	0	0	1.179678	0	0	0	0.1836285	11.76	0.21662253	0	0.21662253	-0.0001749
289	16	0	0	1.300403	0	0	0	0.2212139	11.76	0.28766714	0	0.28766714	-0.0004343
289	17	0	0	1.558912	0	0	0	0.2686529	11.76	0.41880629	0	0.41880629	-0.0002588
289	18	0	0	1.910388	0	0	0	0.2683427	11.76	0.51263852	0	0.51263852	-0.000259
289	19	0	0	1.961803	0	0	0	0.267867	11.76	0.52550223	0	0.52550223	-0.0002594
289	20	0	0	2.045946	0	0	0	0.2696162	11.76	0.55162018	0	0.55162018	-0.0005315
289	21	0	0	1.997934	0	0	0	0.2747784	11.76	0.54898927	0	0.54898927	-0.0002653
289	22	0	0.096	1.802688	0	0	0	0.2731432	11.76	0.49239215	0	0.49239215	-0.0002622
289	23	0	0.096	1.387962	0	0	0	0.2819907	11.76	0.39139238	0	0.39139238	1.0757E-05
289	24	0	0.096	0.948863	0	0	0	0.289679	11.76	0.27486568	0	0.27486568	6.2849E-06
290	1	0	0.096	0.673104	0	0	0	0.291088	11.76	0.19593247	0	0.19593247	3.3833E-06
290	2	0	0.096	0.567898	0	0	0	0.2938686	11.76	0.16688745	0	0.16688745	0.06670992
290	3	0	0.231	0.698426	0	0	0	0.2929378	11.76	0.2045953	0	0.2045953	0.10809493
290	4	0	0.365	0.917648	0	0	0	0.2976441	11.76	0.27313253	0	0.27313253	0.10893864
290	5	0	0.366	1.091656	0	0	0	0.2897015	11.76	0.3162544	0	0.3162544	0.08749068
290	6	0	0.409	1.499053	0	0	0	0.2796389	11.76	0.41919367	0	0.41919367	0.08193533
290	7	0	0.469	2.044593	0	0	0	0.2276983	11.76	0.46555025	0	0.46555025	0.06717357
290	8	0	0.445	1.807321	0	0	0	0.1971232	11.76	0.35626489	0	0.35626489	0.04672248
290	9	0	0.379	1.723486	0	0	0	0.1998659	11.76	0.34446601	0	0.34446601	0.04137782
290	10	0	0.366	1.681286	0	0	0	0.1991642	11.76	0.33485197	0	0.33485197	0.03625711
290	11	0	0.336	1.527271	0	0	0	0.1876832	11.76	0.28664311	0	0.28664311	0.02684923
290	12	0	0.243	1.397807	0	0	0	0.1963563	11.76	0.27446819	0	0.27446819	0.01748741
290	13	0	0.191	1.306128	0	0	0	0.2001478	11.76	0.26141858	0	0.26141858	0.01201931
290	14	0	0.165	1.216012	0	0	0	0.1869737	11.76	0.22736223	0	0.22736223	0.00917117
290	15	0	0.24	1.377678	0	0	0	0.1836285	11.76	0.252981	0	0.252981	0.01323002
290	16	0	0.234	1.492403	0	0	0	0.2212139	11.76	0.33014018	0	0.33014018	0.01527193
290	17	0	0.208	1.725912	0	0	0	0.2686529	11.76	0.46367131	0	0.46367131	0.01800965
290	18	0	0.194	2.062388	0	0	0	0.2683427	11.76	0.55342659	0	0.55342659	0.01771995
290	19	0	0.21	2.129803	0	0	0	0.267867	11.76	0.57050388	0	0.57050388	0.02250929
290	20	0	0.297	2.299946	0	0	0	0.2696162	11.76	0.62010267	0	0.62010267	0.02831741
290	21	0	0.269	2.223934	0	0	0	0.2747784	11.76	0.61108918	0	0.61108918	0.03215854
290	22	0	0.343	2.052688	0	0	0	0.2731432	11.76	0.56067796	0	0.56067796	0.03852415
290	23	0	0.402	1.696962	0	0	0	0.2819907	11.76	0.47852748	0	0.47852748	0.04484729
290	24	0	0.448	1.302863	0	0	0	0.289679	11.76	0.37741205	0	0.37741205	0.048093

291	1	0	0.48	1.058104	0	0	0	0.291088	11.76	0.30800135	0	0.30800135	0.05239918
291	2	0	0.492	0.963898	0	0	0	0.2938686	11.76	0.28325941	0	0.28325941	0.05172262
291	3	0	0.566	1.033426	0	0	0	0.2929378	11.76	0.30272946	0	0.30272946	0.05243675
291	4	0	0.563	1.115648	0	0	0	0.2976441	11.76	0.33206609	0	0.33206609	0.05179097
291	5	0	0.534	1.259656	0	0	0	0.2897015	11.76	0.36492425	0	0.36492425	0.04953982
291	6	0	0.516	1.606053	0	0	0	0.2796389	11.76	0.44911503	0	0.44911503	0.04586192
291	7	0	0.52	2.095592	0	0	0	0.2276983	11.76	0.47716283	0	0.47716283	0.03529583
291	8	0	0.533	1.895321	0	0	0	0.1971232	11.76	0.37361175	0	0.37361175	0.03075548
291	9	0	0.446	1.790486	0	0	0	0.1998659	11.76	0.35785701	0	0.35785701	0.02698749
291	10	0	0.356	1.671286	0	0	0	0.1991642	11.76	0.33286033	0	0.33286033	0.01016659
291	11	0	0.124	1.315271	0	0	0	0.1876832	11.76	0.24685427	0	0.24685427	-0.0039308
291	12	0	0	1.200807	0	0	0	0.1963563	11.76	0.23578602	0	0.23578602	1.168E-05
291	13	0	0	1.160128	0	0	0	0.2001478	11.76	0.23219702	0	0.23219702	1.0427E-05
291	14	0	0	1.096012	0	0	0	0.1869737	11.76	0.20492539	0	0.20492539	-0.0001775
291	15	0	0	1.182678	0	0	0	0.1836285	11.76	0.21717342	0	0.21717342	-0.0001749
291	16	0	0	1.303403	0	0	0	0.2212139	11.76	0.28833076	0	0.28833076	-0.000213
291	17	0	0	1.561912	0	0	0	0.2686529	11.76	0.41961223	0	0.41961223	-0.0002587
291	18	0	0	1.913388	0	0	0	0.2683427	11.76	0.51344356	0	0.51344356	-0.000259
291	19	0	0	1.964803	0	0	0	0.267867	11.76	0.52630584	0	0.52630584	-0.0002594
291	20	0	0	2.047946	0	0	0	0.2696162	11.76	0.55215944	0	0.55215944	-0.0002619
291	21	0	0	1.999934	0	0	0	0.2747784	11.76	0.54953885	0	0.54953885	9.4338E-06
291	22	0	0.096	1.804688	0	0	0	0.2731432	11.76	0.49293843	0	0.49293843	-0.0002622
291	23	0	0.125	1.418962	0	0	0	0.2819907	11.76	0.40013406	0	0.40013406	0.01157241
291	24	0	0.29	1.144863	0	0	0	0.289679	11.76	0.33164277	0	0.33164277	0.04345813
292	1	0	0.43	1.008104	0	0	0	0.291088	11.76	0.29344693	0	0.29344693	0.06666254
292	2	0	0.477	0.948898	0	0	0	0.2938686	11.76	0.27885139	0	0.27885139	0.066416
292	3	0	0.504	0.971426	0	0	0	0.2929378	11.76	0.28456732	0	0.28456732	0.06796243
292	4	0	0.563	1.115648	0	0	0	0.2976441	11.76	0.33206609	0	0.33206609	0.07619779
292	5	0	0.518	1.243656	0	0	0	0.2897015	11.76	0.36028901	0	0.36028901	0.067791
292	6	0	0.557	1.647053	0	0	0	0.2796389	11.76	0.46058023	0	0.46058023	0.07074978
292	7	0	0.563	2.138592	0	0	0	0.2276983	11.76	0.48695386	0	0.48695386	0.05282864
292	8	0	0.533	1.895321	0	0	0	0.1971232	11.76	0.37361175	0	0.37361175	0.0435685
292	9	0	0.27	1.614486	0	0	0	0.1998659	11.76	0.32268061	0	0.32268061	0.02458911
292	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
292	11	0	0	1.237271	0	0	0	0.1876832	11.76	0.232215	0	0.232215	1.0516E-05
292	12	0	0	1.199807	0	0	0	0.1963563	11.76	0.23558965	0	0.23558965	1.168E-05
292	13	0	0	1.160128	0	0	0	0.2001478	11.76	0.23219702	0	0.23219702	-0.0001897
292	14	0	0	1.095012	0	0	0	0.1869737	11.76	0.20473843	0	0.20473843	9.4282E-06
292	15	0	0	1.181678	0	0	0	0.1836285	11.76	0.21698979	0	0.21698979	-0.0001749
292	16	0	0	1.302403	0	0	0	0.2212139	11.76	0.28810956	0	0.28810956	-0.000213
292	17	0	0	1.561912	0	0	0	0.2686529	11.76	0.41961223	0	0.41961223	9.896E-06
292	18	0	0	1.913388	0	0	0	0.2683427	11.76	0.51344356	0	0.51344356	9.3088E-06
292	19	0	0	1.964803	0	0	0	0.267867	11.76	0.52630584	0	0.52630584	8.4301E-06
292	20	0	0	2.047946	0	0	0	0.2696162	11.76	0.55215944	0	0.55215944	7.7138E-06
292	21	0	0	2.000934	0	0	0	0.2747784	11.76	0.54981364	0	0.54981364	9.4338E-06
292	22	0	0	1.754688	0	0	0	0.2731432	11.76	0.47928128	0	0.47928128	1.0941E-05
292	23	0	0.133	1.427962	0	0	0	0.2819907	11.76	0.402672	0	0.402672	0.04682122
292	24	0	0.239	1.093863	0	0	0	0.289679	11.76	0.31686914	0	0.31686914	0.05475562
293	1	0	0.322	0.900104	0	0	0	0.291088	11.76	0.26200944	0	0.26200944	0.06316947
293	2	0	0.361	0.832898	0	0	0	0.2938686	11.76	0.24476262	0	0.24476262	0.06347735
293	3	0	0.36	0.827426	0	0	0	0.2929378	11.76	0.24238428	0	0.24238428	0.05946723
293	4	0	0.386	0.938648	0	0	0	0.2976441	11.76	0.27938307	0	0.27938307	0.05685091
293	5	0	0.369	1.094656	0	0	0	0.2897015	11.76	0.31712351	0	0.31712351	0.05301622
293	6	0	0.365	1.455053	0	0	0	0.2796389	11.76	0.40688955	0	0.40688955	0.0500565
293	7	0	0.358	1.933593	0	0	0	0.2276983	11.76	0.44027572	0	0.44027572	0.03871128
293	8	0	0.366	1.728321	0	0	0	0.1971232	11.76	0.34069216	0	0.34069216	0.03114972
293	9	0	0.32	1.664486	0	0	0	0.1998659	11.76	0.33267392	0	0.33267392	0.02838655
293	10	0	0.247	1.562286	0	0	0	0.1991642	11.76	0.31115143	0	0.31115143	0.02151896
293	11	0	0.174	1.365271	0	0	0	0.1876832	11.76	0.25623845	0	0.25623845	0.01089616
293	12	0	0.129	1.283807	0	0	0	0.1963563	11.76	0.25208358	0	0.25208358	0.00609875
293	13	0	0.123	1.238128	0	0	0	0.2001478	11.76	0.24780854	0	0.24780854	0.00641517
293	14	0	0.128	1.179012	0	0	0	0.1869737	11.76	0.22044422	0	0.22044422	0.00861022
293	15	0	0.117	1.254678	0	0	0	0.1836285	11.76	0.23039468	0	0.23039468	0.01047559
293	16	0	0.138	1.396403	0	0	0	0.2212139	11.76	0.30890366	0	0.30890366	0.01748407
293	17	0	0.124	1.641912	0	0	0	0.2686529	11.76	0.44110447	0	0.44110447	0.02203944
293	18	0	0.117	1.985388	0	0	0	0.2683427	11.76	0.53276424	0	0.53276424	0.02389177
293	19	0	0.111	2.030803	0	0	0	0.267867	11.76	0.54398505	0	0.54398505	0.02679517
293	20	0	0.123	2.125947	0	0	0	0.2696162	11.76	0.57318952	0	0.57318952	0.025082
293	21	0	0.134	2.088934	0	0	0	0.2747784	11.76	0.5739941	0	0.5739941	0.02446471
293	22	0	0.217	1.926688	0	0	0	0.2731432	11.76	0.52626193	0	0.52626193	0.03224185
293	23	0	0.267	1.561962	0	0	0	0.2819907	11.76	0.44045874	0	0.44045874	0.02820984
293	24	0	0.337	1.191863	0	0	0	0.289679	11.76	0.3452577	0	0.3452577	0.03708517
294	1	0	0.408	0.986104	0	0	0	0.291088	11.76	0.28704301	0	0.28704301	0.05065268
294	2	0	0.448	0.919898	0	0	0	0.2938686	11.76	0.27032918	0	0.27032918	0.05231035
294	3	0	0.455	0.922426	0	0	0	0.2929378	11.76	0.27021336	0	0.27021336	0.05478024
294	4	0	0.462	1.014648	0	0	0	0.2976441	11.76	0.30200405	0	0.30200405	0.05863675
294	5	0	0.429	1.154656	0	0	0	0.2897015	11.76	0.33450559	0	0.33450559	0.05272654
294	6	0	0.45	1.540053	0	0	0	0.2796389	11.76	0.43065884	0	0.43065884	0.05564931
294	7	0	0.426	2.001593	0	0	0	0.2276983	11.76	0.45575923	0	0.45575923	0.04121594
294	8	0	0.367	1.729321	0	0	0	0.1971232	11.76	0.34088929	0	0.34088929	0.02858712
294	9	0	0.316	1.660486	0	0	0	0.1998659	11.76	0.33187444	0	0.33187444	0.02518871
294	10	0	0.276	1.591286	0	0	0	0.1991642	11.76	0.31692718	0	0.31692718	0.01972649
294	11	0	0.222	1.413271	0	0	0	0.1876832	11.76	0.26524723	0	0.26524723	0.01464982
294	12	0	0	1.200807	0	0	0	0.1963563	11.76	0.23578602	0	0.23578602	1.168E-05
294	13	0	0	1.161128	0	0	0	0.2001478	11.76	0.23239715	0	0.23239715	1.0427E-05
294	14	0	0	1.097012	0	0	0	0.1869737	11.76	0.20511237	0	0.20511237	9.4282E-06
294	15	0	0	1.182678	0	0	0	0.1836285	11.76	0.21717342	0	0.21717342	8.7561E-06
294	16	0	0	1.303403	0	0	0	0.2212139	11.76	0.28833076	0	0.28833076	-0.000213
294	17	0	0	1.561912	0	0	0	0.2686529	11.76	0.41961223	0	0.41961223	-0.0002587
294	18	0	0	1.912388	0	0	0	0.2683427	11.76	0.5131752	0	0.5131752	9.3088E-06
294	19	0	0	1.964803	0	0	0	0.267867	11.76	0.52630584	0	0.52630584	-0.0002594
294	20	0	0	2.047946	0	0	0	0.2696162	11.76	0.55215944	0	0.55215944	7.7138E-06
294	21	0	0	1.999934	0	0	0	0.2747784	11.76	0.54953885	0	0.54953885	9.4338E-06
294	22	0	0.096	1.804688	0	0	0	0.2731432	11.76	0.49293843	0	0.49293843	1.0941E-05
294	23	0	0.182	1.475962	0	0	0	0.2819907	11.76	0.41620755	0	0.41620755	0.03836151
294	24	0	0.37	1.224863	0	0	0	0.289679	11.76	0.35481711	0	0.35481711	0.06228725
295	1	0	0.445	1.023104	0	0	0	0.291088	11.76	0.29781325	0	0.29781325	0.07102885
295	2	0	0.505	0.976898	0	0	0	0.2938686	11.76	0.28707971	0	0.28707971	0.07435047
295	3	0	0.531	0.998426	0	0	0	0.2929378	11.76	0.29247665	0	0.29247665	0.07440706
295	4	0	0.553	1.105648	0	0	0	0.2976441	11.76	0.32908961	0	0.32908961	0.07649545
295	5	0	0.526	1.251656	0	0	0	0.2897015	11.76	0.36260666	0	0.36260666	0.06750128
295	6	0	0.557	1.647053	0	0	0	0.2796389	11.76	0.46058023	0	0.46058023	0.06739413
295	7	0	0.624	2.199593	0	0	0	0.2276983	11.76	0.50084348	0	0.50084348	0.05601634
295	8	0	0.667	2.029321	0	0	0	0.1971232	11.76	0.40002627	0	0.40002627	0.0534246
295	9	0	0.591	1.935486	0	0	0	0.1998659	11.76	0.38683756	0	0.38683756	0.04277692
295	10	0	0.474	1.789286	0	0	0	0.1991642	11.76	0.35636171	0	0.35636171	0.03048134
295	11	0	0.144	1.335271	0	0	0	0.1876832	11.76	0.25060796	0	0.25060796	0.00263807
295	12	0	0	1.200807	0	0	0	0.1963563	11.76	0.23578602	0	0.23578602	1.168E-05
295	13	0	0.076	1.191128	0	0	0	0.2001478	11.76	0.23840158	0	0.23840158	-0.005994
295	14	0	0	1.097012	0	0	0	0.1869737	11.76	0.20511237	0	0.20511237	9.4282E-06
295	15	0	0	1.183678	0	0	0	0.1836285	11.76	0.21735706	0	0.21735706	8.7561E-06
295	16	0	0	1.303403	0	0	0	0.2212139	11.76	0.28833076	0	0.28833076	8.1749E-06
295	17	0	0	1.562912	0	0	0	0.2686529	11.76	0.41988089	0	0.41988089	9.896E-06
295	18	0	0	1.914388	0	0	0	0.2683427	11.76	0.51371188	0	0.51371188	9.3088E-06
295	19	0	0	1.965803	0	0	0	0.267867	11.76	0.52657371	0	0.52657371	8.4301E-06
295	20	0	0.127	2.129946	0	0	0	0.2696162	11.76	0.57426797	0	0.57426797	0.01375811
295	21	0	0.206	2.160934	0	0	0	0.2747784	11.76	0.59377815	0	0.59377815	0.03050986
295	22	0	0.356	2.065688	0	0	0	0.2731432	11.76	0.56422883	0	0.56422883	0.03633896

295	23	0	0.434	1.728962	0	0	0	0.2819907	11.76	0.48755121	0	0.48755121	0.04794917
295	24	0	0.429	1.283863	0	0	0	0.289679	11.76	0.37190814	0	0.37190814	0.05446596
296	1	0	0.441	1.019104	0	0	0	0.291088	11.76	0.29664891	0	0.29664891	0.05647443
296	2	0	0.463	0.934898	0	0	0	0.2938686	11.76	0.27473721	0	0.27473721	0.06083255
296	3	0	0.465	0.932426	0	0	0	0.2929378	11.76	0.27314275	0	0.27314275	0.05683078
296	4	0	0.466	1.018648	0	0	0	0.2976441	11.76	0.30319461	0	0.30319461	0.05952969
296	5	0	0.429	1.154656	0	0	0	0.2897015	11.76	0.33450559	0	0.33450559	0.051278
296	6	0	0.411	1.501053	0	0	0	0.2796389	11.76	0.41975294	0	0.41975294	0.04642119
296	7	0	0.527	2.102592	0	0	0	0.2276983	11.76	0.47875672	0	0.47875672	0.04258219
296	8	0	0.362	1.724321	0	0	0	0.1971232	11.76	0.33990368	0	0.33990368	0.02188492
296	9	0	0.146	1.490486	0	0	0	0.1998659	11.76	0.29789725	0	0.29789725	0.00440264
296	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
296	11	0	0	1.237271	0	0	0	0.1876832	11.76	0.232215	0	0.232215	1.0516E-05
296	12	0	0	1.199807	0	0	0	0.1963563	11.76	0.23558965	0	0.23558965	1.168E-05
296	13	0	0	1.160128	0	0	0	0.2001478	11.76	0.23219702	0	0.23219702	1.0427E-05
296	14	0	0	1.096012	0	0	0	0.1869737	11.76	0.20492539	0	0.20492539	-0.0001775
296	15	0	0	1.181678	0	0	0	0.1836285	11.76	0.21698979	0	0.21698979	8.778E-06
296	16	0	0	1.301403	0	0	0	0.2212139	11.76	0.28788834	0	0.28788834	-0.000213
296	17	0	0	1.560912	0	0	0	0.2686529	11.76	0.41934359	0	0.41934359	-0.0002588
296	18	0	0	1.911388	0	0	0	0.2683427	11.76	0.51290688	0	0.51290688	-0.000259
296	19	0	0	1.963803	0	0	0	0.267867	11.76	0.52603799	0	0.52603799	-0.0002594
296	20	0	0	2.046947	0	0	0	0.2696162	11.76	0.55188985	0	0.55188985	-0.0002619
296	21	0	0	1.998934	0	0	0	0.2747784	11.76	0.54926406	0	0.54926406	9.4338E-06
296	22	0	0	1.753688	0	0	0	0.2731432	11.76	0.47900813	0	0.47900813	-0.0002622
296	23	0	0	1.338962	0	0	0	0.2819907	11.76	0.37757483	0	0.37757483	1.0757E-05
296	24	0	0.096	0.949863	0	0	0	0.289679	11.76	0.27515535	0	0.27515535	6.2849E-06
297	1	0	0.206	0.784104	0	0	0	0.291088	11.76	0.22824323	0	0.22824323	0.05822099
297	2	0	0.506	0.977898	0	0	0	0.2938686	11.76	0.28737355	0	0.28737355	0.10079869
297	3	0	0.517	0.984426	0	0	0	0.2929378	11.76	0.28837552	0	0.28837552	0.09198333
297	4	0	0.767	1.319648	0	0	0	0.2976441	11.76	0.39278545	0	0.39278545	0.12649965
297	5	0	0.582	1.307656	0	0	0	0.2897015	11.76	0.37882994	0	0.37882994	0.09096709
297	6	0	0.794	1.884053	0	0	0	0.2796389	11.76	0.52685465	0	0.52685465	0.11549203
297	7	0	0.701	2.276592	0	0	0	0.2276983	11.76	0.51837622	0	0.51837622	0.07605381
297	8	0	0.658	2.020321	0	0	0	0.1971232	11.76	0.39825215	0	0.39825215	0.05795848
297	9	0	0.253	1.597486	0	0	0	0.1998659	11.76	0.3192829	0	0.3192829	0.01619473
297	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
297	11	0	0	1.237271	0	0	0	0.1876832	11.76	0.232215	0	0.232215	1.0516E-05
297	12	0	0	1.198807	0	0	0	0.1963563	11.76	0.23539329	0	0.23539329	1.1704E-05
297	13	0	0	1.159128	0	0	0	0.2001478	11.76	0.23199686	0	0.23199686	-0.0001897
297	14	0	0	1.094012	0	0	0	0.1869737	11.76	0.20455144	0	0.20455144	-0.0001775
297	15	0	0	1.179678	0	0	0	0.1836285	11.76	0.21662253	0	0.21662253	-0.0001749
297	16	0	0	1.299403	0	0	0	0.2212139	11.76	0.28744591	0	0.28744591	-0.0103889
297	17	0	0	1.558912	0	0	0	0.2686529	11.76	0.41880629	0	0.41880629	-0.0128854
297	18	0	0	1.909388	0	0	0	0.2683427	11.76	0.51237017	0	0.51237017	-0.000259
297	19	0	0	1.961803	0	0	0	0.267867	11.76	0.52550223	0	0.52550223	-0.0005273
297	20	0	0	2.044946	0	0	0	0.2696162	11.76	0.55135059	0	0.55135059	-0.0002619
297	21	0	0	1.996934	0	0	0	0.2747784	11.76	0.54871451	0	0.54871451	-0.0002654
297	22	0	0	1.751688	0	0	0	0.2731432	11.76	0.47846185	0	0.47846185	-0.0002622
297	23	0	0	1.336962	0	0	0	0.2819907	11.76	0.37701085	0	0.37701085	1.0757E-05
297	24	0	0	0.897863	0	0	0	0.289679	11.76	0.26009205	0	0.26009205	6.2849E-06
298	1	0	0	0.621104	0	0	0	0.291088	11.76	0.1807959	0	0.1807959	3.3833E-06
298	2	0	0	0.515898	0	0	0	0.2938686	11.76	0.15160629	0	0.15160629	0.00029562
298	3	0	0	0.512426	0	0	0	0.2929378	11.76	0.15010887	0	0.15010887	8.5556E-07
298	4	0	0	0.597648	0	0	0	0.2976441	11.76	0.17788644	0	0.17788644	0.00029853
298	5	0	0	0.770656	0	0	0	0.2897015	11.76	0.22326024	0	0.22326024	0.0533059
298	6	0	0.096	1.185053	0	0	0	0.2796389	11.76	0.33138705	0	0.33138705	0.11157707
298	7	0	0.269	1.844593	0	0	0	0.2276983	11.76	0.42001058	0	0.42001058	0.08721103
298	8	0	0.096	1.458321	0	0	0	0.1971232	11.76	0.2874689	0	0.2874689	0.04553973
298	9	0	0	1.390486	0	0	0	0.1998659	11.76	0.27791066	0	0.27791066	5.5991E-06
298	10	0	0	1.361286	0	0	0	0.1991642	11.76	0.27111941	0	0.27111941	9.2357E-06
298	11	0	0	1.236271	0	0	0	0.1876832	11.76	0.23202731	0	0.23202731	1.0538E-05
298	12	0	0	1.197807	0	0	0	0.1963563	11.76	0.23519695	0	0.23519695	1.168E-05
298	13	0	0	1.158128	0	0	0	0.2001478	11.76	0.23179671	0	0.23179671	1.0427E-05
298	14	0	0	1.094012	0	0	0	0.1869737	11.76	0.20455144	0	0.20455144	-0.0001775
298	15	0	0	1.179678	0	0	0	0.1836285	11.76	0.21662253	0	0.21662253	-0.0001749
298	16	0	0	1.300403	0	0	0	0.2212139	11.76	0.28766714	0	0.28766714	-0.000213
298	17	0	0	1.559912	0	0	0	0.2686529	11.76	0.41907493	0	0.41907493	-0.0002587
298	18	0	0	1.911388	0	0	0	0.2683427	11.76	0.51290688	0	0.51290688	-0.000259
298	19	0	0	1.962803	0	0	0	0.267867	11.76	0.52577011	0	0.52577011	-0.0002594
298	20	0	0	2.045946	0	0	0	0.2696162	11.76	0.55162018	0	0.55162018	7.7138E-06
298	21	0	0	1.997934	0	0	0	0.2747784	11.76	0.54898927	0	0.54898927	9.4338E-06
298	22	0	0	1.752688	0	0	0	0.2731432	11.76	0.478735	0	0.478735	-0.0002622
298	23	0	0	1.337962	0	0	0	0.2819907	11.76	0.37729282	0	0.37729282	1.0791E-05
298	24	0	0	0.898863	0	0	0	0.289679	11.76	0.26038172	0	0.26038172	6.2849E-06
299	1	0	0	0.622104	0	0	0	0.291088	11.76	0.18108698	0	0.18108698	3.3833E-06
299	2	0	0	0.516898	0	0	0	0.2938686	11.76	0.15190015	0	0.15190015	1.7516E-06
299	3	0	0	0.512426	0	0	0	0.2929378	11.76	0.15010887	0	0.15010887	8.5556E-07
299	4	0	0	0.597648	0	0	0	0.2976441	11.76	0.17788644	0	0.17788644	0.00029853
299	5	0	0	0.770656	0	0	0	0.2897015	11.76	0.22326024	0	0.22326024	0.00029054
299	6	0	0	1.135053	0	0	0	0.2796389	11.76	0.31740509	0	0.31740509	0.03327818
299	7	0	0	1.620592	0	0	0	0.2276983	11.76	0.36900614	0	0.36900614	0.0421268
299	8	0	0	1.408321	0	0	0	0.1971232	11.76	0.27761272	0	0.27761272	0.05303041
299	9	0	0.12	1.464486	0	0	0	0.1998659	11.76	0.29270073	0	0.29270073	0.05277021
299	10	0	0.164	1.479286	0	0	0	0.1991642	11.76	0.29462079	0	0.29462079	0.04342702
299	11	0	0.126	1.317271	0	0	0	0.1876832	11.76	0.24722966	0	0.24722966	0.03003982
299	12	0	0.075	1.229807	0	0	0	0.1963563	11.76	0.24148034	0	0.24148034	0.02573439
299	13	0	0	1.161128	0	0	0	0.2001478	11.76	0.23239715	0	0.23239715	0.02142624
299	14	0	0	1.097012	0	0	0	0.1869737	11.76	0.20511237	0	0.20511237	0.01440641
299	15	0	0	1.183678	0	0	0	0.1836285	11.76	0.21735706	0	0.21735706	0.01414816
299	16	0	0	1.304403	0	0	0	0.2212139	11.76	0.28855198	0	0.28855198	0.01460829
299	17	0	0	1.563912	0	0	0	0.2686529	11.76	0.42014956	0	0.42014956	0.02257674
299	18	0	0	1.914388	0	0	0	0.2683427	11.76	0.51371188	0	0.51371188	0.02738029
299	19	0	0.099	2.018803	0	0	0	0.267867	11.76	0.54077069	0	0.54077069	0.02813441
299	20	0	0.126	2.128947	0	0	0	0.2696162	11.76	0.57399837	0	0.57399837	0.03155277
299	21	0	0.161	2.115934	0	0	0	0.2747784	11.76	0.58141317	0	0.58141317	0.03215848
299	22	0	0.218	1.927688	0	0	0	0.2731432	11.76	0.52653506	0	0.52653506	0.03142242
299	23	0	0.284	1.578962	0	0	0	0.2819907	11.76	0.4452526	0	0.4452526	0.04118141
299	24	0	0.385	1.239863	0	0	0	0.289679	11.76	0.35916225	0	0.35916225	0.05156917
300	1	0	0.444	1.022104	0	0	0	0.291088	11.76	0.29752218	0	0.29752218	0.05676553
300	2	0	0.545	1.016898	0	0	0	0.2938686	11.76	0.29883444	0	0.29883444	0.06112643
300	3	0	0.546	1.013426	0	0	0	0.2929378	11.76	0.29687071	0	0.29687071	0.05888137
300	4	0	0.587	1.139648	0	0	0	0.2976441	11.76	0.33920956	0	0.33920956	0.06667312
300	5	0	0.564	1.289656	0	0	0	0.2897015	11.76	0.37361528	0	0.37361528	0.06431459
300	6	0	0.522	1.612053	0	0	0	0.2796389	11.76	0.45079284	0	0.45079284	0.05760677
300	7	0	0.528	2.103592	0	0	0	0.2276983	11.76	0.4789844	0	0.4789844	0.04531459
300	8	0	0.474	1.836321	0	0	0	0.1971232	11.76	0.36198147	0	0.36198147	0.03883751
300	9	0	0.446	1.790486	0	0	0	0.1998659	11.76	0.35785701	0	0.35785701	0.03478227
300	10	0	0.312	1.627286	0	0	0	0.1991642	11.76	0.3240971	0	0.3240971	0.02311227
300	11	0	0.283	1.474271	0	0	0	0.1876832	11.76	0.27669591	0	0.27669591	0.01746506
300	12	0	0.241	1.395807	0	0	0	0.1963563	11.76	0.27407548	0	0.27407548	0.01159673
300	13	0	0.235	1.350128	0	0	0	0.2001478	11.76	0.27022509	0	0.27022509	0.01261973
300	14	0	0.201	1.252012	0	0	0	0.1869737	11.76	0.23409329	0	0.23409329	0.01160181
300	15	0	0.235	1.372678	0	0	0	0.1836285	11.76	0.25206285	0	0.25206285	0.01837161
300	16	0	0.335	1.593403	0	0	0	0.2212139	11.76	0.3524828	0	0.3524828	0.02611142
300	17	0	0.235	1.752912	0	0	0	0.2686529	11.76	0.47092496	0	0.47092496	0.02714383
300	18	0	0.252	2.120388	0	0	0	0.2683427	11.76	0.56899049	0	0.56899049	0.03167372
300	19	0	0.243	2.162803	0	0	0	0.267867	11.76	0.57934349	0	0.57934349	0.03054529
300	20	0	0.251	2.253946	0	0	0	0.2696162	11.76	0.60770033	0	0.60770033	0.03155283

300	21	0	0.382	2.336934	0	0	0	0.2747784	11.76	0.64213919	0	0.64213919	0.04479828
300	22	0	0.513	2.222688	0	0	0	0.2731432	11.76	0.60711234	0	0.60711234	0.05436641
300	23	0	0.593	1.887962	0	0	0	0.2819907	11.76	0.53238774	0	0.53238774	0.06571461
300	24	0	0.698	1.552863	0	0	0	0.289679	11.76	0.44983177	0	0.44983177	0.07416412
301	1	0	0.669	1.247104	0	0	0	0.291088	11.76	0.36301694	0	0.36301694	0.07015558
301	2	0	0.729	1.200898	0	0	0	0.2938686	11.76	0.35290626	0	0.35290626	0.09257033
301	3	0	0.768	1.235426	0	0	0	0.2929378	11.76	0.3619029	0	0.3619029	0.08495279
301	4	0	0.802	1.354648	0	0	0	0.2976441	11.76	0.40320301	0	0.40320301	0.09971164
301	5	0	0.69	1.415656	0	0	0	0.2897015	11.76	0.41011768	0	0.41011768	0.08024816
301	6	0	0.744	1.834054	0	0	0	0.2796389	11.76	0.51287272	0	0.51287272	0.08585026
301	7	0	0.752	2.327592	0	0	0	0.2276983	11.76	0.52998881	0	0.52998881	0.06649057
301	8	0	0.732	2.094321	0	0	0	0.1971232	11.76	0.41283924	0	0.41283924	0.05007356
301	9	0	0.492	1.836486	0	0	0	0.1998659	11.76	0.36705084	0	0.36705084	0.03338319
301	10	0	0.215	1.530286	0	0	0	0.1991642	11.76	0.30477817	0	0.30477817	0.01235742
301	11	0	0	1.237271	0	0	0	0.1876832	11.76	0.232215	0	0.232215	1.0516E-05
301	12	0	0	1.199807	0	0	0	0.1963563	11.76	0.23558965	0	0.23558965	1.168E-05
301	13	0	0	1.160128	0	0	0	0.2001478	11.76	0.23219702	0	0.23219702	1.0427E-05
301	14	0	0	1.096012	0	0	0	0.1869737	11.76	0.20492539	0	0.20492539	9.4505E-06
301	15	0	0	1.182678	0	0	0	0.1836285	11.76	0.21717342	0	0.21717342	-0.0001749
301	16	0	0	1.302403	0	0	0	0.2212139	11.76	0.28810956	0	0.28810956	8.1749E-06
301	17	0	0	1.561912	0	0	0	0.2686529	11.76	0.41961223	0	0.41961223	9.896E-06
301	18	0	0	1.913388	0	0	0	0.2683427	11.76	0.51344356	0	0.51344356	9.3088E-06
301	19	0	0.096	2.014803	0	0	0	0.267867	11.76	0.53969917	0	0.53969917	8.4301E-06
301	20	0	0.096	2.098946	0	0	0	0.2696162	11.76	0.56590983	0	0.56590983	-0.0002619
301	21	0	0.096	2.050934	0	0	0	0.2747784	11.76	0.56355255	0	0.56355255	0.01264924
301	22	0	0.323	2.031688	0	0	0	0.2731432	11.76	0.55494198	0	0.55494198	0.06638469
301	23	0	0.498	1.792962	0	0	0	0.2819907	11.76	0.50559862	0	0.50559862	0.08404402
301	24	0	0.614	1.468863	0	0	0	0.289679	11.76	0.42549877	0	0.42549877	0.09125519
302	1	0	0.678	1.318104	0	0	0	0.291088	11.76	0.38368422	0	0.38368422	0.0957713
302	2	0	0.731	1.265898	0	0	0	0.2938686	11.76	0.37200773	0	0.37200773	0.09785997
302	3	0	0.766	1.233426	0	0	0	0.2929378	11.76	0.36131704	0	0.36131704	0.09667033
302	4	0	0.784	1.336648	0	0	0	0.2976441	11.76	0.39784542	0	0.39784542	0.09911635
302	5	0	0.867	1.467656	0	0	0	0.2897015	11.76	0.42518213	0	0.42518213	0.10226549
302	6	0	0.836	1.801053	0	0	0	0.2796389	11.76	0.5036446	0	0.5036446	0.09368021
302	7	0	0.831	2.032593	0	0	0	0.2276983	11.76	0.46281785	0	0.46281785	0.07332146
302	8	0	0.812	2.299321	0	0	0	0.1971232	11.76	0.45324953	0	0.45324953	0.06091531
302	9	0	0.353	1.684486	0	0	0	0.1998659	11.76	0.33667124	0	0.33667124	0.01479568
302	10	0	0.096	1.424286	0	0	0	0.1991642	11.76	0.28366677	0	0.28366677	9.212E-06
302	11	0	0	1.287271	0	0	0	0.1876832	11.76	0.24159915	0	0.24159915	1.0538E-05
302	12	0	0	1.249807	0	0	0	0.1963563	11.76	0.24540746	0	0.24540746	-0.0001847
302	13	0	0	1.209128	0	0	0	0.2001478	11.76	0.24200424	0	0.24200424	1.0427E-05
302	14	0	0	1.145012	0	0	0	0.1869737	11.76	0.2140871	0	0.2140871	-0.0001775
302	15	0	0	1.205678	0	0	0	0.1836285	11.76	0.22139688	0	0.22139688	8.7561E-06
302	16	0	0	1.251403	0	0	0	0.2212139	11.76	0.27682765	0	0.27682765	-0.000213
302	17	0	0	1.484912	0	0	0	0.2686529	11.76	0.39892598	0	0.39892598	-0.0002588
302	18	0	0	1.836388	0	0	0	0.2683427	11.76	0.49278117	0	0.49278117	-0.000259
302	19	0	0.096	1.963803	0	0	0	0.267867	11.76	0.52603799	0	0.52603799	-0.0002594
302	20	0	0.096	2.146946	0	0	0	0.2696162	11.76	0.57885144	0	0.57885144	-0.0002619
302	21	0	0.096	2.098934	0	0	0	0.2747784	11.76	0.57674188	0	0.57674188	9.4338E-06
302	22	0	0.096	1.853688	0	0	0	0.2731432	11.76	0.50632246	0	0.50632246	1.0941E-05
302	23	0	0.096	1.438962	0	0	0	0.2819907	11.76	0.40577391	0	0.40577391	0.00029276
302	24	0	0.096	1.149863	0	0	0	0.289679	11.76	0.33309117	0	0.33309117	0.04780331
303	1	0	0.357	0.997104	0	0	0	0.291088	11.76	0.29024497	0	0.29024497	0.11964054
303	2	0	0.566	1.100898	0	0	0	0.2938686	11.76	0.32351939	0	0.32351939	0.14047094
303	3	0	0.668	1.135426	0	0	0	0.2929378	11.76	0.33260912	0	0.33260912	0.1356311
303	4	0	0.669	1.221648	0	0	0	0.2976441	11.76	0.36361638	0	0.36361638	0.12173726
303	5	0	0.706	1.306656	0	0	0	0.2897015	11.76	0.37854023	0	0.37854023	0.11356383
303	6	0	0.723	1.688053	0	0	0	0.2796389	11.76	0.47204543	0	0.47204543	0.11381415
303	7	0	0.695	1.896592	0	0	0	0.2276983	11.76	0.43185087	0	0.43185087	0.0785585
303	8	0	0.71	2.197321	0	0	0	0.1971232	11.76	0.43314297	0	0.43314297	0.06604051
303	9	0	0.647	1.978486	0	0	0	0.1998659	11.76	0.39543179	0	0.39543179	0.05576817
303	10	0	0.584	1.912286	0	0	0	0.1991642	11.76	0.38085892	0	0.38085892	0.04701198
303	11	0	0.274	1.515271	0	0	0	0.1876832	11.76	0.28439092	0	0.28439092	0.02084336
303	12	0	0.133	1.336807	0	0	0	0.1963563	11.76	0.26249046	0	0.26249046	0.00825866
303	13	0	0	1.211128	0	0	0	0.2001478	11.76	0.24240456	0	0.24240456	1.0427E-05
303	14	0	0	1.146012	0	0	0	0.1869737	11.76	0.21427409	0	0.21427409	9.4282E-06
303	15	0	0	1.207678	0	0	0	0.1836285	11.76	0.22176413	0	0.22176413	8.778E-06
303	16	0	0	1.253403	0	0	0	0.2212139	11.76	0.27727008	0	0.27727008	8.1749E-06
303	17	0	0	1.487912	0	0	0	0.2686529	11.76	0.39973191	0	0.39973191	9.896E-06
303	18	0	0	1.839388	0	0	0	0.2683427	11.76	0.4935862	0	0.4935862	9.3088E-06
303	19	0	0.096	1.965803	0	0	0	0.267867	11.76	0.52657371	0	0.52657371	8.4301E-06
303	20	0	0.132	2.184947	0	0	0	0.2696162	11.76	0.58909688	0	0.58909688	0.02049853
303	21	0	0.217	2.221934	0	0	0	0.2747784	11.76	0.61053967	0	0.61053967	0.0346315
303	22	0	0.329	2.087688	0	0	0	0.2731432	11.76	0.570238	0	0.570238	0.04972299
303	23	0	0.487	1.831962	0	0	0	0.2819907	11.76	0.51659626	0	0.51659626	0.07022647
303	24	0	0.584	1.638863	0	0	0	0.289679	11.76	0.47474419	0	0.47474419	0.08169575
304	1	0	0.735	1.375104	0	0	0	0.291088	11.76	0.40027621	0	0.40027621	0.10071982
304	2	0	0.772	1.306898	0	0	0	0.2938686	11.76	0.38405634	0	0.38405634	0.09785997
304	3	0	0.805	1.272426	0	0	0	0.2929378	11.76	0.37274159	0	0.37274159	0.09872092
304	4	0	0.819	1.371648	0	0	0	0.2976441	11.76	0.40826295	0	0.40826295	0.10209283
304	5	0	0.683	1.283656	0	0	0	0.2897015	11.76	0.37187709	0	0.37187709	0.07850993
304	6	0	0.515	1.480053	0	0	0	0.2796389	11.76	0.41388052	0	0.41388052	0.06655524
304	7	0	0.464	1.665593	0	0	0	0.2276983	11.76	0.37925258	0	0.37925258	0.05715486
304	8	0	0.419	1.906321	0	0	0	0.1971232	11.76	0.37578009	0	0.37578009	0.04218864
304	9	0	0.386	1.717486	0	0	0	0.1998659	11.76	0.34326681	0	0.34326681	0.03098481
304	10	0	0.287	1.615286	0	0	0	0.1991642	11.76	0.32170713	0	0.32170713	0.01952732
304	11	0	0.279	1.520271	0	0	0	0.1876832	11.76	0.28532933	0	0.28532933	0.01765275
304	12	0	0.257	1.460807	0	0	0	0.1963563	11.76	0.28683866	0	0.28683866	0.01925461
304	13	0	0.233	1.398128	0	0	0	0.2001478	11.76	0.27983217	0	0.27983217	0.0132202
304	14	0	0.237	1.338012	0	0	0	0.1869737	11.76	0.25017303	0	0.25017303	0.01478037
304	15	0	0.261	1.423678	0	0	0	0.1836285	11.76	0.26142791	0	0.26142791	0.018188
304	16	0	0.425	1.633403	0	0	0	0.2212139	11.76	0.36133134	0	0.36133134	0.03783575
304	17	0	0.459	1.901912	0	0	0	0.2686529	11.76	0.51095422	0	0.51095422	0.05723301
304	18	0	0.465	2.259388	0	0	0	0.2683427	11.76	0.6062901	0	0.6062901	0.06172816
304	19	0	0.489	2.358803	0	0	0	0.267867	11.76	0.63184545	0	0.63184545	0.06590373
304	20	0	0.593	2.645947	0	0	0	0.2696162	11.76	0.71338991	0	0.71338991	0.08736332
304	21	0	0.603	2.607934	0	0	0	0.2747784	11.76	0.71660413	0	0.71660413	0.09096113
304	22	0	0.588	2.346688	0	0	0	0.2731432	11.76	0.64098205	0	0.64098205	0.08386596
304	23	0	0.596	1.940962	0	0	0	0.2819907	11.76	0.54733324	0	0.54733324	0.07868618
304	24	0	0.609	1.663863	0	0	0	0.289679	11.76	0.48198616	0	0.48198616	0.07474347
305	1	0	0.538	1.186104	0	0	0	0.3692501	11.76	0.43796897	0	0.43796897	0.08530106
305	2	0	0.514	1.052898	0	0	0	0.3712349	11.76	0.39087255	0	0.39087255	0.07424916
305	3	0	0.485	0.952426	0	0	0	0.3719117	11.76	0.35421828	0	0.35421828	0.06545753
305	4	0	0.439	0.991648	0	0	0	0.3609587	11.76	0.35794397	0	0.35794397	0.05234005
305	5	0	0.438	1.038656	0	0	0	0.3556188	11.76	0.36936569	0	0.36936569	0.05014328
305	6	0	0.392	1.365053	0	0	0	0.3428846	11.76	0.46805574	0	0.46805574	0.03977602
305	7	0	0.327	1.544592	0	0	0	0.3290651	11.76	0.5082715	0	0.5082715	0.03521373
305	8	0	0.31	1.838321	0	0	0	0.2861414	11.76	0.52601979	0	0.52601979	0.02203907
305	9	0	0.24	1.604486	0	0	0	0.2804068	11.76	0.44990873	0	0.44990873	0.01094373
305	10	0	0.203	1.565286	0	0	0	0.2834942	11.76	0.44374949	0	0.44374949	0.00511604
305	11	0	0.156	1.430271	0	0	0	0.2844202	11.76	0.40679805	0	0.40679805	-0.0039659
305	12	0	0.137	1.370807	0	0	0	0.2857911	11.76	0.39176448	0	0.39176448	-0.0071278
305	13	0	0	1.237128	0	0	0	0.2920017	11.76	0.36124347	0	0.36124347	1.5212E-05
305	14	0	0	1.170012	0	0	0	0.2846483	11.76	0.33304182	0	0.33304182	1.4387E-05
305	15	0	0	1.227678	0	0	0	0.2960673	11.76	0.36347532	0	0.36347532	1.4153E-05
305	16	0	0	1.272403	0	0	0	0.3421789	11.76	0.43538946	0	0.43538946	1.2645E-05
305	17	0	0.092	1.555912	0	0	0	0.349173	11.76	0.54328262	0	0.54328262	-0.0006855
305	18	0	0.109	1.929388	0	0	0	0.3572529	11.76	0.68927938	0	0.68927938	0.01144447

305	19	0	0.155	2.056803	0	0	0	0.3558358	11.76	0.73188414	0	0.73188414	0.02385217
305	20	0	0.152	2.239946	0	0	0	0.3478599	11.76	0.77918742	0	0.77918742	0.02818663
305	21	0	0.167	2.203934	0	0	0	0.3526873	11.76	0.77729955	0	0.77729955	0.03633896
305	22	0	0.23	2.016688	0	0	0	0.3575064	11.76	0.72097906	0	0.72097906	0.04720516
305	23	0	0.315	1.683962	0	0	0	0.3611672	11.76	0.60819174	0	0.60819174	0.05888402
305	24	0	0.358	1.433863	0	0	0	0.3652155	11.76	0.52366895	0	0.52366895	0.06647716
306	1	0	0.397	1.045104	0	0	0	0.3692501	11.76	0.38590474	0	0.38590474	0.06610004
306	2	0	0.421	0.959898	0	0	0	0.3712349	11.76	0.35634771	0	0.35634771	0.06830941
306	3	0	0.447	0.914426	0	0	0	0.3719117	11.76	0.34008564	0	0.34008564	0.07438343
306	4	0	0.468	1.020648	0	0	0	0.3609587	11.76	0.36841177	0	0.36841177	0.06930511
306	5	0	0.48	1.080656	0	0	0	0.3556188	11.76	0.38430165	0	0.38430165	0.07290289
306	6	0	0.47	1.443053	0	0	0	0.3428846	11.76	0.49480075	0	0.49480075	0.06720676
306	7	0	0.535	1.752593	0	0	0	0.3290651	11.76	0.57671706	0	0.57671706	0.06515864
306	8	0	0.29	1.818321	0	0	0	0.2861414	11.76	0.52029696	0	0.52029696	0.02890645
306	9	0	0.156	1.520486	0	0	0	0.2804068	11.76	0.42635456	0	0.42635456	0.00926128
306	10	0	0	1.408286	0	0	0	0.2834942	11.76	0.39924091	0	0.39924091	1.3113E-05
306	11	0	0	1.320271	0	0	0	0.2844202	11.76	0.37551182	0	0.37551182	1.597E-05
306	12	0	0	1.278807	0	0	0	0.2857911	11.76	0.36547169	0	0.36547169	1.7E-05
306	13	0	0	1.236128	0	0	0	0.2920017	11.76	0.36095149	0	0.36095149	-0.0002768
306	14	0	0	1.168012	0	0	0	0.2846483	11.76	0.33247253	0	0.33247253	-0.0002703
306	15	0	0	1.225678	0	0	0	0.2960673	11.76	0.3628832	0	0.3628832	-0.0002819
306	16	0	0	1.270403	0	0	0	0.3421789	11.76	0.43470508	0	0.43470508	-0.0003295
306	17	0	0	1.507912	0	0	0	0.349173	11.76	0.52652233	0	0.52652233	-0.0003363
306	18	0	0	1.864388	0	0	0	0.3572529	11.76	0.66605792	0	0.66605792	-0.0003448
306	19	0	0	1.945803	0	0	0	0.3558358	11.76	0.69238639	0	0.69238639	-0.0003447
306	20	0	0	2.131946	0	0	0	0.3478599	11.76	0.74161854	0	0.74161854	9.9524E-06
306	21	0	0	2.080934	0	0	0	0.3526873	11.76	0.73391905	0	0.73391905	1.2109E-05
306	22	0	0	1.831688	0	0	0	0.3575064	11.76	0.65484039	0	0.65484039	1.432E-05
306	23	0	0	1.413962	0	0	0	0.3611672	11.76	0.51067657	0	0.51067657	1.382E-05
306	24	0	0	1.120863	0	0	0	0.3652155	11.76	0.40935651	0	0.40935651	7.9237E-06
307	1	0	0	0.694104	0	0	0	0.3692501	11.76	0.25629796	0	0.25629796	0.02437479
307	2	0	0.159	0.697898	0	0	0	0.3712349	11.76	0.25908417	0	0.25908417	0.06199843
307	3	0	0.251	0.718426	0	0	0	0.3719117	11.76	0.26719093	0	0.26719093	0.07178008
307	4	0	0.297	0.849648	0	0	0	0.3609587	11.76	0.30668784	0	0.30668784	0.07002706
307	5	0	0.324	0.924656	0	0	0	0.3556188	11.76	0.32882514	0	0.32882514	0.06650177
307	6	0	0.317	1.290053	0	0	0	0.3428846	11.76	0.44233942	0	0.44233942	0.06137773
307	7	0	0.295	1.512593	0	0	0	0.3290651	11.76	0.49774143	0	0.49774143	0.05298325
307	8	0	0.338	1.866321	0	0	0	0.2861414	11.76	0.53403175	0	0.53403175	0.05179774
307	9	0	0.318	1.682486	0	0	0	0.2804068	11.76	0.47178045	0	0.47178045	0.04094726
307	10	0	0.265	1.627286	0	0	0	0.2834942	11.76	0.46132614	0	0.46132614	0.03119752
307	11	0	0.183	1.457271	0	0	0	0.2844202	11.76	0.41447741	0	0.41447741	0.01992536
307	12	0	0.139	1.372807	0	0	0	0.2857911	11.76	0.39233605	0	0.39233605	0.00887653
307	13	0	0.131	1.322128	0	0	0	0.2920017	11.76	0.38606363	0	0.38606363	0.00468725
307	14	0	0.089	1.213012	0	0	0	0.2846483	11.76	0.34528169	0	0.34528169	-0.0002703
307	15	0	0.081	1.262678	0	0	0	0.2960673	11.76	0.3738377	0	0.3738377	-0.0103482
307	16	0	0.087	1.313403	0	0	0	0.3421789	11.76	0.4494188	0	0.4494188	0.00103919
307	17	0	0.082	1.545912	0	0	0	0.349173	11.76	0.5397909	0	0.5397909	0.0031554
307	18	0	0	1.866388	0	0	0	0.3572529	11.76	0.66677241	0	0.66677241	1.2393E-05
307	19	0	0	1.947803	0	0	0	0.3558358	11.76	0.69309805	0	0.69309805	1.1199E-05
307	20	0	0	2.133946	0	0	0	0.3478599	11.76	0.7423143	0	0.7423143	9.9524E-06
307	21	0	0	2.081934	0	0	0	0.3526873	11.76	0.73427171	0	0.73427171	1.2109E-05
307	22	0	0	1.832688	0	0	0	0.3575064	11.76	0.65519787	0	0.65519787	1.432E-05
307	23	0	0.094	1.462962	0	0	0	0.3611672	11.76	0.52837377	0	0.52837377	0.01409931
307	24	0	0.144	1.219863	0	0	0	0.3652155	11.76	0.44551284	0	0.44551284	0.01863391
308	1	0	0.196	0.844104	0	0	0	0.3692501	11.76	0.31168546	0	0.31168546	0.0273288
308	2	0	0.266	0.804898	0	0	0	0.3712349	11.76	0.2988063	0	0.2988063	0.03638325
308	3	0	0.268	0.735426	0	0	0	0.3719117	11.76	0.27351344	0	0.27351344	0.03756417
308	4	0	0.272	0.824648	0	0	0	0.3609587	11.76	0.29766388	0	0.29766388	0.03609695
308	5	0	0.3	0.900656	0	0	0	0.3556188	11.76	0.32029029	0	0.32029029	0.04160845
308	6	0	0.272	1.245053	0	0	0	0.3428846	11.76	0.42690959	0	0.42690959	0.03634718
308	7	0	0.278	1.495592	0	0	0	0.3290651	11.76	0.4921473	0	0.4921473	0.03356841
308	8	0	0.197	1.725321	0	0	0	0.2861414	11.76	0.49368579	0	0.49368579	0.01831923
308	9	0	0	1.410486	0	0	0	0.2804068	11.76	0.3955098	0	0.3955098	7.8554E-06
308	10	0	0	1.407286	0	0	0	0.2834942	11.76	0.3989574	0	0.3989574	1.3146E-05
308	11	0	0	1.319271	0	0	0	0.2844202	11.76	0.37522742	0	0.37522742	1.5936E-05
308	12	0	0	1.277807	0	0	0	0.2857911	11.76	0.36518589	0	0.36518589	1.7034E-05
308	13	0	0	1.234128	0	0	0	0.2920017	11.76	0.36036749	0	0.36036749	-0.0002768
308	14	0	0	1.166012	0	0	0	0.2846483	11.76	0.33190324	0	0.33190324	-0.0133641
308	15	0	0	1.223678	0	0	0	0.2960673	11.76	0.36229107	0	0.36229107	-0.0141971
308	16	0	0	1.220403	0	0	0	0.3421789	11.76	0.41759614	0	0.41759614	-0.0003295
308	17	0	0	1.457912	0	0	0	0.349173	11.76	0.50906365	0	0.50906365	1.2862E-05
308	18	0	0	1.859388	0	0	0	0.3572529	11.76	0.66427165	0	0.66427165	-0.016064
308	19	0	0	1.940803	0	0	0	0.3558358	11.76	0.69060721	0	0.69060721	-0.0160014
308	20	0	0	2.127946	0	0	0	0.3478599	11.76	0.74022712	0	0.74022712	-0.0159916
308	21	0	0	2.076934	0	0	0	0.3526873	11.76	0.73250831	0	0.73250831	1.2109E-05
308	22	0	0	1.827688	0	0	0	0.3575064	11.76	0.65341034	0	0.65341034	1.432E-05
308	23	0	0	1.409962	0	0	0	0.3611672	11.76	0.50923192	0	0.50923192	1.3777E-05
308	24	0	0	1.116863	0	0	0	0.3652155	11.76	0.40789567	0	0.40789567	0.00037311
309	1	0	0	0.690104	0	0	0	0.3692501	11.76	0.25482096	0	0.25482096	0.00037354
309	2	0	0	0.580898	0	0	0	0.3712349	11.76	0.2156497	0	0.2156497	0.00037344
309	3	0	0	0.510426	0	0	0	0.3719117	11.76	0.18983329	0	0.18983329	0.00037302
309	4	0	0	0.595648	0	0	0	0.3609587	11.76	0.21500434	0	0.21500434	0.00036203
309	5	0	0	0.643656	0	0	0	0.3556188	11.76	0.22889625	0	0.22889625	0.00071229
309	6	0	0	1.017053	0	0	0	0.3428846	11.76	0.34873193	0	0.34873193	0.00034429
309	7	0	0	1.261593	0	0	0	0.3290651	11.76	0.41514607	0	0.41514607	0.00033281
309	8	0	0	1.572321	0	0	0	0.2861414	11.76	0.44990615	0	0.44990615	0.00029229
309	9	0	0	1.408486	0	0	0	0.2804068	11.76	0.39494896	0	0.39494896	0.0005687
309	10	0	0	1.405286	0	0	0	0.2834942	11.76	0.39839042	0	0.39839042	0.00058013
309	11	0	0	1.318271	0	0	0	0.2844202	11.76	0.37494299	0	0.37494299	0.00030037
309	12	0	0	1.277807	0	0	0	0.2857911	11.76	0.36518589	0	0.36518589	0.0003028
309	13	0	0	1.234128	0	0	0	0.2920017	11.76	0.36036749	0	0.36036749	0.00030719
309	14	0	0	1.167012	0	0	0	0.2846483	11.76	0.33218787	0	0.33218787	1.4387E-05
309	15	0	0	1.224678	0	0	0	0.2960673	11.76	0.36258711	0	0.36258711	1.4153E-05
309	16	0	0	1.268403	0	0	0	0.3421789	11.76	0.43402073	0	0.43402073	1.2645E-05
309	17	0	0	1.505912	0	0	0	0.349173	11.76	0.52582395	0	0.52582395	0.00036205
309	18	0	0	1.862388	0	0	0	0.3572529	11.76	0.66534342	0	0.66534342	0.00036966
309	19	0	0	1.943803	0	0	0	0.3558358	11.76	0.69167468	0	0.69167468	1.1199E-05
309	20	0	0	2.129946	0	0	0	0.3478599	11.76	0.74092288	0	0.74092288	0.00035779
309	21	0	0	2.079934	0	0	0	0.3526873	11.76	0.73356638	0	0.73356638	1.2109E-05
309	22	0	0	1.830688	0	0	0	0.3575064	11.76	0.65448286	0	0.65448286	0.00037184
309	23	0	0	1.412962	0	0	0	0.3611672	11.76	0.51031543	0	0.51031543	0.00037496
309	24	0	0	1.119863	0	0	0	0.3652155	11.76	0.40899133	0	0.40899133	0.00037311
310	1	0	0	0.693104	0	0	0	0.3692501	11.76	0.25592869	0	0.25592869	0.04283732
310	2	0	0	0.583898	0	0	0	0.3712349	11.76	0.21676341	0	0.21676341	0.11360006
310	3	0	0	0.513426	0	0	0	0.3719117	11.76	0.19094904	0	0.19094904	0.15620401
310	4	0	0.117	0.669648	0	0	0	0.3609587	11.76	0.24171528	0	0.24171528	0.16748586
310	5	0	0.208	0.808656	0	0	0	0.3556188	11.76	0.28757336	0	0.28757336	0.13833675
310	6	0	0.204	1.177053	0	0	0	0.3428846	11.76	0.40359345	0	0.40359345	0.10149522
310	7	0	0.195	1.412593	0	0	0	0.3290651	11.76	0.46483491	0	0.46483491	0.08128284
310	8	0	0.211	1.739321	0	0	0	0.2861414	11.76	0.49769179	0	0.49769179	0.06209887
310	9	0	0.08	1.444486	0	0	0	0.2804068	11.76	0.40504364	0	0.40504364	0.0269269
310	10	0	0.076	1.437286	0	0	0	0.2834942	11.76	0.40746225	0	0.40746225	0.01957422
310	11	0	0.079	1.353271	0	0	0	0.2844202	11.76	0.38489769	0	0.38489769	0.01366813
310	12	0	0	1.279807	0	0	0	0.2857911	11.76	0.36575746	0	0.36575746	1.7034E-05
310	13	0	0.074	1.265128	0	0	0	0.2920017	11.76	0.36941955	0	0.36941955	0.00789924
310	14	0	0.096	1.220012	0	0	0	0.2846483	11.76	0.34727425	0	0.34727425	0.00769988
310	15	0	0.158	1.339678	0	0	0	0.2960673	11.76	0.39663489	0	0.39663489	0.02162702
310	16	0	0.19	1.416403	0	0	0	0.3421789	11.76	0.48466321	0	0.48466321	0.02944006

310	17	0	0.199	1.662912	0	0	0	0.349173	11.76	0.58064414	0	0.58064414	0.03702519
310	18	0	0.153	1.973388	0	0	0	0.3572529	11.76	0.70499847	0	0.70499847	0.0328797
310	19	0	0.125	2.026803	0	0	0	0.3558358	11.76	0.72120908	0	0.72120908	0.03061307
310	20	0	0.095	2.182946	0	0	0	0.3478599	11.76	0.75935944	0	0.75935944	0.02227303
310	21	0	0	2.082934	0	0	0	0.3526873	11.76	0.73462437	0	0.73462437	0.0254056
310	22	0	0	1.832688	0	0	0	0.3575064	11.76	0.65519787	0	0.65519787	0.0203922
310	23	0	0.082	1.450962	0	0	0	0.3611672	11.76	0.52403978	0	0.52403978	0.01951681
310	24	0	0.155	1.230863	0	0	0	0.3652155	11.76	0.44953022	0	0.44953022	0.0299556
311	1	0	0.258	0.906104	0	0	0	0.3692501	11.76	0.33457896	0	0.33457896	0.04062183
311	2	0	0.328	0.866898	0	0	0	0.3712349	11.76	0.32182287	0	0.32182287	0.04974766
311	3	0	0.36	0.827426	0	0	0	0.3719117	11.76	0.30772932	0	0.30772932	0.05206874
311	4	0	0.374	0.926648	0	0	0	0.3609587	11.76	0.33448166	0	0.33448166	0.0584764
311	5	0	0.378	0.978656	0	0	0	0.3556188	11.76	0.34802854	0	0.34802854	0.05903378
311	6	0	0.326	1.299053	0	0	0	0.3428846	11.76	0.44542536	0	0.44542536	0.05109121
311	7	0	0.326	1.543592	0	0	0	0.3290651	11.76	0.50794242	0	0.50794242	0.0496926
311	8	0	0.334	1.862321	0	0	0	0.2861414	11.76	0.5328872	0	0.5328872	0.04636111
311	9	0	0.305	1.669486	0	0	0	0.2804068	11.76	0.46813515	0	0.46813515	0.04150807
311	10	0	0.251	1.613286	0	0	0	0.2834942	11.76	0.45735724	0	0.45735724	0.03091398
311	11	0	0.208	1.482271	0	0	0	0.2844202	11.76	0.42158791	0	0.42158791	0.02333843
311	12	0	0.235	1.468807	0	0	0	0.2857911	11.76	0.41977199	0	0.41977199	0.02745297
311	13	0	0.208	1.399128	0	0	0	0.2920017	11.76	0.40854777	0	0.40854777	0.02220734
311	14	0	0.093	1.217012	0	0	0	0.2846483	11.76	0.3464203	0	0.3464203	0.00855383
311	15	0	0.126	1.307678	0	0	0	0.2960673	11.76	0.38716072	0	0.38716072	0.0183703
311	16	0	0.212	1.438403	0	0	0	0.3421789	11.76	0.49219117	0	0.49219117	0.02978218
311	17	0	0.261	1.724912	0	0	0	0.349173	11.76	0.60229284	0	0.60229284	0.0359777
311	18	0	0.235	2.055388	0	0	0	0.3572529	11.76	0.73429321	0	0.73429321	0.05038511
311	19	0	0.246	2.147803	0	0	0	0.3558358	11.76	0.76426523	0	0.76426523	0.05160739
311	20	0	0.213	2.300946	0	0	0	0.3478599	11.76	0.80040691	0	0.80040691	0.04036167
311	21	0	0.227	2.263934	0	0	0	0.3526873	11.76	0.79846076	0	0.79846076	0.04868296
311	22	0	0.255	2.041688	0	0	0	0.3575064	11.76	0.72991675	0	0.72991675	0.04970769
311	23	0	0.332	1.700962	0	0	0	0.3611672	11.76	0.61433157	0	0.61433157	0.06177336
311	24	0	0.396	1.471863	0	0	0	0.3652155	11.76	0.53754718	0	0.53754718	0.07268581
312	1	0	0.439	1.087104	0	0	0	0.3692501	11.76	0.40141322	0	0.40141322	0.07348508
312	2	0	0.476	1.014898	0	0	0	0.3712349	11.76	0.37676563	0	0.37676563	0.08278756
312	3	0	0.487	0.954426	0	0	0	0.3719117	11.76	0.3549621	0	0.3549621	0.08107784
312	4	0	0.449	1.001648	0	0	0	0.3609587	11.76	0.36155358	0	0.36155358	0.06894413
312	5	0	0.476	1.076656	0	0	0	0.3556188	11.76	0.3828792	0	0.3828792	0.07396975
312	6	0	0.468	1.441053	0	0	0	0.3428846	11.76	0.49411495	0	0.49411495	0.06926412
312	7	0	0.421	1.638592	0	0	0	0.3290651	11.76	0.53920361	0	0.53920361	0.05890643
312	8	0	0.426	1.954321	0	0	0	0.2861414	11.76	0.55921221	0	0.55921221	0.05465915
312	9	0	0.329	1.693486	0	0	0	0.2804068	11.76	0.47486493	0	0.47486493	0.03702155
312	10	0	0.216	1.578286	0	0	0	0.2834942	11.76	0.44743492	0	0.44743492	0.0215587
312	11	0	0	1.320271	0	0	0	0.2844202	11.76	0.37551182	0	0.37551182	1.597E-05
312	12	0	0	1.279807	0	0	0	0.2857911	11.76	0.36575746	0	0.36575746	1.7034E-05
312	13	0	0.269	1.460128	0	0	0	0.2920017	11.76	0.42635987	0	0.42635987	0.01899531
312	14	0	0.075	1.199012	0	0	0	0.2846483	11.76	0.34129663	0	0.34129663	-0.0082404
312	15	0	0.096	1.277678	0	0	0	0.2960673	11.76	0.37827871	0	0.37827871	1.4118E-05
312	16	0	0	1.272403	0	0	0	0.3421789	11.76	0.43538946	0	0.43538946	1.2645E-05
312	17	0	0.155	1.618912	0	0	0	0.349173	11.76	0.56528051	0	0.56528051	0.01537649
312	18	0	0.214	2.034388	0	0	0	0.3572529	11.76	0.72679094	0	0.72679094	0.03180785
312	19	0	0.288	2.189803	0	0	0	0.3558358	11.76	0.77921027	0	0.77921027	0.04911655
312	20	0	0.289	2.376946	0	0	0	0.3478599	11.76	0.82684425	0	0.82684425	0.04766678
312	21	0	0.345	2.381934	0	0	0	0.3526873	11.76	0.84007787	0	0.84007787	0.06984417
312	22	0	0.397	2.183688	0	0	0	0.3575064	11.76	0.78068265	0	0.78068265	0.07580565
312	23	0	0.489	1.857962	0	0	0	0.3611672	11.76	0.67103479	0	0.67103479	0.07910947
312	24	0	0.622	1.697863	0	0	0	0.3652155	11.76	0.62008586	0	0.62008586	0.10007699
313	1	0	0.627	1.275104	0	0	0	0.3692501	11.76	0.47083222	0	0.47083222	0.09527084
313	2	0	0.794	1.332898	0	0	0	0.3712349	11.76	0.49481835	0	0.49481835	0.11508496
313	3	0	0.742	1.209426	0	0	0	0.3719117	11.76	0.44979958	0	0.44979958	0.10450831
313	4	0	0.815	1.367648	0	0	0	0.3609587	11.76	0.49366442	0	0.49366442	0.10937158
313	5	0	0.888	1.488656	0	0	0	0.3556188	11.76	0.52939417	0	0.52939417	0.11415465
313	6	0	0.783	1.756053	0	0	0	0.3428846	11.76	0.60212361	0	0.60212361	0.09772352
313	7	0	0.85	2.067593	0	0	0	0.3290651	11.76	0.68037259	0	0.68037259	0.10662082
313	8	0	0.843	2.371321	0	0	0	0.2861414	11.76	0.67853314	0	0.67853314	0.08527639
313	9	0	0.808	2.172486	0	0	0	0.2804068	11.76	0.60917979	0	0.60917979	0.08160624
313	10	0	0.653	2.015286	0	0	0	0.2834942	11.76	0.57132191	0	0.57132191	0.05699545
313	11	0	0.615	1.889271	0	0	0	0.2844202	11.76	0.53734692	0	0.53734692	0.05945979
313	12	0	0.533	1.766807	0	0	0	0.2857911	11.76	0.50493774	0	0.50493774	0.04202835
313	13	0	0.328	1.519128	0	0	0	0.2920017	11.76	0.44358798	0	0.44358798	0.02892338
313	14	0	0.52	1.644012	0	0	0	0.2846483	11.76	0.4679651	0	0.4679651	0.04014981
313	15	0	0.496	1.677678	0	0	0	0.2960673	11.76	0.49670563	0	0.49670563	0.05123376
313	16	0	0.497	1.723403	0	0	0	0.3421789	11.76	0.58971216	0	0.58971216	0.04962858
313	17	0	0.578	2.041912	0	0	0	0.349173	11.76	0.71298075	0	0.71298075	0.06845077
313	18	0	0.568	2.388388	0	0	0	0.3572529	11.76	0.85325841	0	0.85325841	0.07575001
313	19	0	0.618	2.519803	0	0	0	0.3558358	11.76	0.89663616	0	0.89663616	0.08505599
313	20	0	0.653	2.740947	0	0	0	0.3478599	11.76	0.95346527	0	0.95346527	0.08836634
313	21	0	0.666	2.702934	0	0	0	0.3526873	11.76	0.95329052	0	0.95329052	0.0941796
313	22	0	0.791	2.578688	0	0	0	0.3575064	11.76	0.92189768	0	0.92189768	0.11405887
313	23	0	0.977	2.345962	0	0	0	0.3611672	11.76	0.84728438	0	0.84728438	0.13581269
313	24	0	1.139	2.214863	0	0	0	0.3652155	11.76	0.80890221	0	0.80890221	0.15595495
314	1	0	1.222	1.870104	0	0	0	0.3692501	11.76	0.69053603	0	0.69053603	0.17096708
314	2	0	1.261	1.799898	0	0	0	0.3712349	11.76	0.66818504	0	0.66818504	0.17225519
314	3	0	1.287	1.754426	0	0	0	0.3719117	11.76	0.65249145	0	0.65249145	0.1714524
314	4	0	1.348	1.900648	0	0	0	0.3609587	11.76	0.68605538	0	0.68605538	0.17362221
314	5	0	1.283	1.883656	0	0	0	0.3556188	11.76	0.66986359	0	0.66986359	0.16038509
314	6	0	1.276	2.249053	0	0	0	0.3428846	11.76	0.77116562	0	0.77116562	0.14881337
314	7	0	1.281	2.498593	0	0	0	0.3290651	11.76	0.82219965	0	0.82219965	0.14874116
314	8	0	1.174	2.702321	0	0	0	0.2861414	11.76	0.77324599	0	0.77324599	0.10873992
314	9	0	0.871	2.235486	0	0	0	0.2804068	11.76	0.62684541	0	0.62684541	0.0715116
314	10	0	0.635	1.997286	0	0	0	0.2834942	11.76	0.56621902	0	0.56621902	0.03913536
314	11	0	0.259	1.533271	0	0	0	0.2844202	11.76	0.43609334	0	0.43609334	-0.0124985
314	12	0	0.138	1.371807	0	0	0	0.2857911	11.76	0.39205025	0	0.39205025	-0.0119862
314	13	0	0.096	1.287128	0	0	0	0.2920017	11.76	0.37584357	0	0.37584357	1.5212E-05
314	14	0	0	1.169012	0	0	0	0.2846483	11.76	0.33275719	0	0.33275719	1.4354E-05
314	15	0	0	1.227678	0	0	0	0.2960673	11.76	0.36347532	0	0.36347532	-0.0002819
314	16	0	0.096	1.321403	0	0	0	0.3421789	11.76	0.4521562	0	0.4521562	-0.0003295
314	17	0	0.096	1.558912	0	0	0	0.349173	11.76	0.54433015	0	0.54433015	-0.0003363
314	18	0	0.096	1.915388	0	0	0	0.3572529	11.76	0.68427781	0	0.68427781	1.2393E-05
314	19	0	0.273	2.173803	0	0	0	0.3558358	11.76	0.77351697	0	0.77351697	-0.0209831
314	20	0	0.373	2.460947	0	0	0	0.3478599	11.76	0.85606452	0	0.85606452	0.04384027
314	21	0	0.522	2.558934	0	0	0	0.3526873	11.76	0.90250354	0	0.90250354	0.08324633
314	22	0	0.72	2.507689	0	0	0	0.3575064	11.76	0.89651478	0	0.89651478	0.12621398
314	23	0	0.892	2.260962	0	0	0	0.3611672	11.76	0.81658516	0	0.81658516	0.15423218
314	24	0	1.047	2.122863	0	0	0	0.3652155	11.76	0.77530247	0	0.77530247	0.18626782
315	1	0	1.192	1.840104	0	0	0	0.3692501	11.76	0.67945853	0	0.67945853	0.19829154
315	2	0	1.385	1.923898	0	0	0	0.3712349	11.76	0.7142181	0	0.7142181	0.23388013
315	3	0	1.39	1.857426	0	0	0	0.3719117	11.76	0.69079842	0	0.69079842	0.22686722
315	4	0	1.487	2.039648	0	0	0	0.3609587	11.76	0.73622861	0	0.73622861	0.22596121
315	5	0	1.582	2.182656	0	0	0	0.3556188	11.76	0.77619362	0	0.77619362	0.23222005
315	6	0	1.597	2.570053	0	0	0	0.3428846	11.76	0.8812316	0	0.8812316	0.22733389
315	7	0	1.639	2.856592	0	0	0	0.3290651	11.76	0.94000489	0	0.94000489	0.21718677
315	8	0	1.562	3.090321	0	0	0	0.2861414	11.76	0.88426887	0	0.88426887	0.17741387
315	9	0	1.489	2.853486	0	0	0	0.2804068	11.76	0.80013684	0	0.80013684	0.15899854
315	10	0	0.94	2.302286	0	0	0	0.2834942	11.76	0.65268475	0	0.65268475	0.08109254
315	11	0	0.469	1.743271	0	0	0	0.2844202	11.76	0.4958216	0	0.4958216	0.01679673
315	12	0	0.155	1.388807	0	0	0	0.2857911	11.76	0.39690872	0	0.39690872	-0.0168447
315	13	0	0.096	1.287128	0	0	0	0.2920017	11.76	0.37584357	0	0.37584357	1.5212E-05
315	14	0	0.096	1.219012	0	0	0	0.2846483	11.76	0.34698959	0	0.34698959	1.4387E-05

315	15	0	0.096	1.277678	0	0	0	0.2960673	11.76	0.37827871	0	0.37827871	-0.0002819
315	16	0	0.096	1.320403	0	0	0	0.3421789	11.76	0.45181405	0	0.45181405	1.2645E-05
315	17	0	0.096	1.558912	0	0	0	0.349173	11.76	0.54433015	0	0.54433015	-0.0003363
315	18	0	0.096	1.915388	0	0	0	0.3572529	11.76	0.68427781	0	0.68427781	-0.0003448
315	19	0	0.164	2.064803	0	0	0	0.3558358	11.76	0.73473088	0	0.73473088	-0.0241857
315	20	0	0.432	2.519947	0	0	0	0.3478599	11.76	0.87658826	0	0.87658826	0.0525368
315	21	0	0.689	2.725934	0	0	0	0.3526873	11.76	0.96140233	0	0.96140233	0.12063116
315	22	0	0.874	2.661688	0	0	0	0.3575064	11.76	0.9515707	0	0.9515707	0.1598197
315	23	0	1.137	2.505962	0	0	0	0.3611672	11.76	0.90507116	0	0.90507116	0.19793342
315	24	0	1.227	2.302863	0	0	0	0.3652155	11.76	0.84104119	0	0.84104119	0.21402419
316	1	0	1.33	1.978104	0	0	0	0.3692501	11.76	0.73041505	0	0.73041505	0.22709307
316	2	0	1.362	1.900898	0	0	0	0.3712349	11.76	0.70567969	0	0.70567969	0.22497061
316	3	0	1.427	1.894426	0	0	0	0.3719117	11.76	0.70455913	0	0.70455913	0.23170207
316	4	0	1.48	2.032648	0	0	0	0.3609587	11.76	0.73370191	0	0.73370191	0.21946399
316	5	0	1.538	2.138656	0	0	0	0.3556188	11.76	0.76054634	0	0.76054634	0.21906226
316	6	0	1.493	2.466053	0	0	0	0.3428846	11.76	0.84557166	0	0.84557166	0.20916093
316	7	0	1.437	2.654593	0	0	0	0.3290651	11.76	0.87353377	0	0.87353377	0.18724181
316	8	0	1.398	2.926321	0	0	0	0.2861414	11.76	0.83734166	0	0.83734166	0.15194729
316	9	0	1.272	2.636486	0	0	0	0.2804068	11.76	0.73928856	0	0.73928856	0.12675175
316	10	0	1.213	2.575286	0	0	0	0.2834942	11.76	0.73007874	0	0.73007874	0.1131273
316	11	0	1.065	2.339271	0	0	0	0.2844202	11.76	0.66533603	0	0.66533603	0.09159925
316	12	0	0.935	2.168807	0	0	0	0.2857911	11.76	0.61982584	0	0.61982584	0.06975006
316	13	0	0.761	1.952128	0	0	0	0.2920017	11.76	0.57002476	0	0.57002476	0.04615145
316	14	0	0.661	1.785012	0	0	0	0.2846483	11.76	0.50810052	0	0.50810052	0.03417218
316	15	0	0.225	1.406678	0	0	0	0.2960673	11.76	0.41647138	0	0.41647138	-0.0378825
316	16	0	0.226	1.452403	0	0	0	0.3421789	11.76	0.49698166	0	0.49698166	-0.022229
316	17	0	0.554	2.017912	0	0	0	0.349173	11.76	0.70460053	0	0.70460053	0.04400868
316	18	0	0.697	2.517388	0	0	0	0.3572529	11.76	0.8993441	0	0.8993441	0.07253471
316	19	0	0.824	2.725803	0	0	0	0.3558358	11.76	0.96993838	0	0.96993838	0.10605023
316	20	0	0.856	2.943946	0	0	0	0.3478599	11.76	1.02408076	0	1.02408076	0.11584735
316	21	0	0.863	2.899934	0	0	0	0.3526873	11.76	1.02276993	0	1.02276993	0.12415803
316	22	0	0.961	2.748688	0	0	0	0.3575064	11.76	0.9826738	0	0.9826738	0.14623442
316	23	0	1.082	2.450962	0	0	0	0.3611672	11.76	0.88520694	0	0.88520694	0.15892735
316	24	0	1.242	2.317863	0	0	0	0.3652155	11.76	0.84651946	0	0.84651946	0.18115474
317	1	0	1.391	2.039104	0	0	0	0.3692501	11.76	0.7529393	0	0.7529393	0.2005071
317	2	0	1.51	2.048898	0	0	0	0.3712349	11.76	0.76062246	0	0.76062246	0.21717462
317	3	0	1.499	1.966426	0	0	0	0.3719117	11.76	0.73133674	0	0.73133674	0.20641209
317	4	0	1.554	2.106648	0	0	0	0.3609587	11.76	0.76041289	0	0.76041289	0.20683032
317	5	0	1.614	2.214656	0	0	0	0.3556188	11.76	0.78757344	0	0.78757344	0.21621718
317	6	0	1.538	2.511054	0	0	0	0.3428846	11.76	0.86100149	0	0.86100149	0.19750289
317	7	0	1.518	2.735593	0	0	0	0.3290651	11.76	0.90018807	0	0.90018807	0.18625461
317	8	0	1.559	3.087321	0	0	0	0.2861414	11.76	0.88341044	0	0.88341044	0.15738399
317	9	0	1.424	2.788486	0	0	0	0.2804068	11.76	0.78191038	0	0.78191038	0.14301537
317	10	0	1.156	2.518286	0	0	0	0.2834942	11.76	0.71391953	0	0.71391953	0.09838565
317	11	0	0.736	2.010271	0	0	0	0.2844202	11.76	0.57176178	0	0.57176178	0.03926593
317	12	0	0.387	1.620807	0	0	0	0.2857911	11.76	0.46321226	0	0.46321226	-0.0034125
317	13	0	0.175	1.366128	0	0	0	0.2920017	11.76	0.39891171	0	0.39891171	-0.0230529
317	14	0	0.144	1.268012	0	0	0	0.2846483	11.76	0.36093737	0	0.36093737	-0.0136488
317	15	0	0.33	1.511678	0	0	0	0.2960673	11.76	0.44755845	0	0.44755845	0.00060628
317	16	0	0.502	1.728403	0	0	0	0.3421789	11.76	0.59142305	0	0.59142305	0.02772913
317	17	0	0.679	2.142912	0	0	0	0.349173	11.76	0.74824717	0	0.74824717	0.06111817
317	18	0	0.752	2.572388	0	0	0	0.3572529	11.76	0.91899295	0	0.91899295	0.08468137
317	19	0	0.844	2.745803	0	0	0	0.3558358	11.76	0.97705509	0	0.97705509	0.10462691
317	20	0	0.775	2.862947	0	0	0	0.3478599	11.76	0.99590416	0	0.99590416	0.10784649
317	21	0	0.976	3.012934	0	0	0	0.3526873	11.76	1.06262356	0	1.06262356	0.13932358
317	22	0	1.011	2.798688	0	0	0	0.3575064	11.76	1.00054911	0	1.00054911	0.15123949
317	23	0	1.205	2.573962	0	0	0	0.3611672	11.76	0.92963047	0	0.92963047	0.1820421
317	24	0	1.189	2.264863	0	0	0	0.3652155	11.76	0.82716305	0	0.82716305	0.17859833
318	1	0	1.219	1.867104	0	0	0	0.3692501	11.76	0.68942827	0	0.68942827	0.17945983
318	2	0	1.25	1.788898	0	0	0	0.3712349	11.76	0.66410139	0	0.66410139	0.17967988
318	3	0	1.252	1.719426	0	0	0	0.3719117	11.76	0.6394746	0	0.6394746	0.17256814
318	4	0	1.299	1.851648	0	0	0	0.3609587	11.76	0.6683684	0	0.6683684	0.17109551
318	5	0	1.298	1.898656	0	0	0	0.3556188	11.76	0.67519782	0	0.67519782	0.16678627
318	6	0	1.193	2.166053	0	0	0	0.3428846	11.76	0.74270622	0	0.74270622	0.14264141
318	7	0	1.201	2.418592	0	0	0	0.3290651	11.76	0.79587439	0	0.79587439	0.15301909
318	8	0	1.202	2.730321	0	0	0	0.2861414	11.76	0.78125798	0	0.78125798	0.11360432
318	9	0	1.185	2.549486	0	0	0	0.2804068	11.76	0.71489319	0	0.71489319	0.10095425
318	10	0	1.227	2.589286	0	0	0	0.2834942	11.76	0.73404765	0	0.73404765	0.11936419
318	11	0	1.148	2.422271	0	0	0	0.2844202	11.76	0.68894289	0	0.68894289	0.09586558
318	12	0	1.063	2.296807	0	0	0	0.2857911	11.76	0.65640704	0	0.65640704	0.0860402
318	13	0	1.009	2.200128	0	0	0	0.2920017	11.76	0.64244116	0	0.64244116	0.07973172
318	14	0	1.016	2.140012	0	0	0	0.2846483	11.76	0.60915071	0	0.60915071	0.08370089
318	15	0	0.902	2.084678	0	0	0	0.2960673	11.76	0.61720502	0	0.61720502	0.07077423
318	16	0	0.899	2.125403	0	0	0	0.3421789	11.76	0.72726811	0	0.72726811	0.07802942
318	17	0	0.913	2.376912	0	0	0	0.349173	11.76	0.82995365	0	0.82995365	0.09009951
318	18	0	0.938	2.758388	0	0	0	0.3572529	11.76	0.98544202	0	0.98544202	0.09897147
318	19	0	0.918	2.819803	0	0	0	0.3558358	11.76	1.0033869	0	1.0033869	0.10035693
318	20	0	0.803	2.890946	0	0	0	0.3478599	11.76	1.0056442	0	1.0056442	0.08697492
318	21	0	0.888	2.924934	0	0	0	0.3526873	11.76	1.03158714	0	1.03158714	0.10793433
318	22	0	0.959	2.746688	0	0	0	0.3575064	11.76	0.98195876	0	0.98195876	0.12835912
318	23	0	1.041	2.409962	0	0	0	0.3611672	11.76	0.87039904	0	0.87039904	0.13039523
318	24	0	1.112	2.187863	0	0	0	0.3652155	11.76	0.79904141	0	0.79904141	0.13477251
319	1	0	1.192	1.840104	0	0	0	0.3692501	11.76	0.67945849	0	0.67945849	0.14696584
319	2	0	1.227	1.765898	0	0	0	0.3712349	11.76	0.65556299	0	0.65556299	0.15035232
319	3	0	1.273	1.740426	0	0	0	0.3719117	11.76	0.64728471	0	0.64728471	0.16773328
319	4	0	1.268	1.820648	0	0	0	0.3609587	11.76	0.65717872	0	0.65717872	0.16134956
319	5	0	1.241	1.841656	0	0	0	0.3556188	11.76	0.65492758	0	0.65492758	0.14580476
319	6	0	1.18	2.153054	0	0	0	0.3428846	11.76	0.7382488	0	0.7382488	0.13098328
319	7	0	1.069	2.286592	0	0	0	0.3290651	11.76	0.7524378	0	0.7524378	0.11089867
319	8	0	1.052	2.580321	0	0	0	0.2861414	11.76	0.73833674	0	0.73833674	0.08470408
319	9	0	0.5	1.864486	0	0	0	0.2804068	11.76	0.5228145	0	0.5228145	0.01543025
319	10	0	0.237	1.599286	0	0	0	0.2834942	11.76	0.4533883	0	0.4533883	-0.0099092
319	11	0	0.096	1.370271	0	0	0	0.2844202	11.76	0.38973285	0	0.38973285	1.5936E-05
319	12	0	0.096	1.329807	0	0	0	0.2857911	11.76	0.38004704	0	0.38004704	1.7E-05
319	13	0	0.096	1.286128	0	0	0	0.2920017	11.76	0.37555156	0	0.37555156	1.5212E-05
319	14	0	0	1.168012	0	0	0	0.2846483	11.76	0.33247253	0	0.33247253	1.4354E-05
319	15	0	0.096	1.276678	0	0	0	0.2960673	11.76	0.37798263	0	0.37798263	-0.0002819
319	16	0	0.096	1.320403	0	0	0	0.3421789	11.76	0.45181405	0	0.45181405	-0.0003295
319	17	0	0.096	1.557912	0	0	0	0.349173	11.76	0.54398096	0	0.54398096	-0.0003363
319	18	0	0.096	1.914388	0	0	0	0.3572529	11.76	0.68392059	0	0.68392059	1.2393E-05
319	19	0	0.096	1.996803	0	0	0	0.3558358	11.76	0.71053401	0	0.71053401	-0.0003447
319	20	0	0.096	2.182946	0	0	0	0.3478599	11.76	0.75935944	0	0.75935944	9.9524E-06
319	21	0	0.096	2.131934	0	0	0	0.3526873	11.76	0.75190605	0	0.75190605	0.02152607
319	22	0	0.266	2.052688	0	0	0	0.3575064	11.76	0.73384929	0	0.73384929	0.06329297
319	23	0	0.459	1.827962	0	0	0	0.3611672	11.76	0.66019979	0	0.66019979	0.09861246
319	24	0	0.671	1.746863	0	0	0	0.3652155	11.76	0.63798143	0	0.63798143	0.13696369
320	1	0	0.871	1.519104	0	0	0	0.3692501	11.76	0.56092927	0	0.56092927	0.16838229
320	2	0	0.955	1.493898	0	0	0	0.3712349	11.76	0.55458717	0	0.55458717	0.17448252
320	3	0	1.023	1.490426	0	0	0	0.3719117	11.76	0.55430678	0	0.55430678	0.18632885
320	4	0	1.048	1.600648	0	0	0	0.3609587	11.76	0.5777678	0	0.5777678	0.17939756
320	5	0	1.06	1.660656	0	0	0	0.3556188	11.76	0.59056058	0	0.59056058	0.16998678
320	6	0	1.19	2.163054	0	0	0	0.3428846	11.76	0.74167765	0	0.74167765	0.17315813
320	7	0	1.259	2.476593	0	0	0	0.3290651	11.76	0.81496019	0	0.81496019	0.1707885
320	8	0	1.187	2.715321	0	0	0	0.2861414	11.76	0.77696583	0	0.77696583	0.13620956
320	9	0	1.031	2.395486	0	0	0	0.2804068	11.76	0.67171053	0	0.67171053	0.12086323
320	10	0	0.894	2.256286	0	0	0	0.2834942	11.76	0.63964401	0	0.63964401	0.10774096
320	11	0	0.449	1.723271	0	0	0	0.2844202	11.76	0.4901332	0	0.4901332	0.03272426
320	12	0	0.37	1.603807	0	0	0	0.2857911	11.76	0.45835383	0	0.45835383	0.02116555

320	13	0	0.368	1.559128	0	0	0	0.2920017	11.76	0.45526803	0	0.45526803	0.01344729
320	14	0	0.312	1.436012	0	0	0	0.2846483	11.76	0.40875827	0	0.40875827	0.00513802
320	15	0	0.333	1.514678	0	0	0	0.2960673	11.76	0.44844666	0	0.44844666	0.00682367
320	16	0	0.474	1.700403	0	0	0	0.3421789	11.76	0.58184204	0	0.58184204	0.033204
320	17	0	0.549	2.012912	0	0	0	0.349173	11.76	0.70285471	0	0.70285471	0.05343634
320	18	0	0.54	2.360388	0	0	0	0.3572529	11.76	0.84325537	0	0.84325537	0.05610108
320	19	0	0.615	2.516803	0	0	0	0.3558358	11.76	0.89556865	0	0.89556865	0.07544836
320	20	0	0.683	2.770947	0	0	0	0.3478599	11.76	0.96390106	0	0.96390106	0.09393211
320	21	0	0.785	2.821934	0	0	0	0.3526873	11.76	0.99526029	0	0.99526029	0.10440754
320	22	0	0.863	2.650688	0	0	0	0.3575064	11.76	0.94763816	0	0.94763816	0.13622429
320	23	0	1.028	2.396962	0	0	0	0.3611672	11.76	0.86570387	0	0.86570387	0.15278752
320	24	0	1.158	2.233863	0	0	0	0.3652155	11.76	0.81584132	0	0.81584132	0.18517217
321	1	0	1.22	1.868104	0	0	0	0.3692501	11.76	0.68979753	0	0.68979753	0.17687513
321	2	0	1.199	1.737898	0	0	0	0.3712349	11.76	0.64516846	0	0.64516846	0.16854284
321	3	0	1.307	1.774426	0	0	0	0.3719117	11.76	0.65992973	0	0.65992973	0.18670078
321	4	0	1.298	1.850648	0	0	0	0.3609587	11.76	0.66800746	0	0.66800746	0.17470509
321	5	0	1.302	1.902656	0	0	0	0.3556188	11.76	0.67662036	0	0.67662036	0.17567669
321	6	0	1.109	2.082053	0	0	0	0.3428846	11.76	0.71390397	0	0.71390397	0.14435579
321	7	0	0.909	2.126592	0	0	0	0.3290651	11.76	0.69978736	0	0.69978736	0.11155691
321	8	0	0.974	2.502321	0	0	0	0.2861414	11.76	0.71601768	0	0.71601768	0.09843889
321	9	0	0.894	2.258486	0	0	0	0.2804068	11.76	0.63329477	0	0.63329477	0.08216708
321	10	0	0.733	2.095286	0	0	0	0.2834942	11.76	0.5940015	0	0.5940015	0.06748472
321	11	0	0.652	1.926271	0	0	0	0.2844202	11.76	0.54787048	0	0.54787048	0.05576229
321	12	0	0.55	1.783807	0	0	0	0.2857911	11.76	0.50979622	0	0.50979622	0.04174252
321	13	0	0.359	1.550128	0	0	0	0.2920017	11.76	0.45264004	0	0.45264004	0.02366734
321	14	0	0.323	1.447012	0	0	0	0.2846483	11.76	0.41188942	0	0.41188942	0.01339284
321	15	0	0.287	1.468678	0	0	0	0.2960673	11.76	0.43482756	0	0.43482756	0.01363322
321	16	0	0.341	1.567403	0	0	0	0.3421789	11.76	0.53633224	0	0.53633224	0.02636043
321	17	0	0.362	1.825912	0	0	0	0.349173	11.76	0.63755934	0	0.63755934	0.0342318
321	18	0	0.41	2.230388	0	0	0	0.3572529	11.76	0.79681245	0	0.79681245	0.03538046
321	19	0	0.401	2.302803	0	0	0	0.3558358	11.76	0.81941978	0	0.81941978	0.03737397
321	20	0	0.383	2.470947	0	0	0	0.3478599	11.76	0.85954311	0	0.85954311	0.03757883
321	21	0	0.383	2.419934	0	0	0	0.3526873	11.76	0.85348003	0	0.85348003	0.04092381
321	22	0	0.417	2.204688	0	0	0	0.3575064	11.76	0.78819025	0	0.78819025	0.04684768
321	23	0	0.541	1.909962	0	0	0	0.3611672	11.76	0.6898155	0	0.6898155	0.06213455
321	24	0	0.604	1.679863	0	0	0	0.3652155	11.76	0.61351198	0	0.61351198	0.06939889
322	1	0	0.738	1.386104	0	0	0	0.3692501	11.76	0.511819	0	0.511819	0.09342455
322	2	0	0.777	1.315898	0	0	0	0.3712349	11.76	0.48850733	0	0.48850733	0.10134929
322	3	0	0.794	1.261426	0	0	0	0.3719117	11.76	0.46913901	0	0.46913901	0.10116108
322	4	0	0.716	1.268648	0	0	0	0.3609587	11.76	0.45792952	0	0.45792952	0.08446539
322	5	0	0.719	1.319656	0	0	0	0.3556188	11.76	0.46929454	0	0.46929454	0.08570521
322	6	0	0.687	1.660053	0	0	0	0.3428846	11.76	0.56920667	0	0.56920667	0.08229373
322	7	0	0.62	1.837592	0	0	0	0.3290651	11.76	0.60468757	0	0.60468757	0.06417148
322	8	0	0.581	2.109321	0	0	0	0.2861414	11.76	0.60356413	0	0.60356413	0.05237005
322	9	0	0.495	1.859486	0	0	0	0.2804068	11.76	0.52141247	0	0.52141247	0.04459255
322	10	0	0.38	1.742286	0	0	0	0.2834942	11.76	0.49392798	0	0.49392798	0.0252441
322	11	0	0.279	1.553271	0	0	0	0.2844202	11.76	0.44178174	0	0.44178174	0.01366813
322	12	0	0.187	1.420807	0	0	0	0.2857911	11.76	0.40605402	0	0.40605402	0.00087441
322	13	0	0.137	1.328128	0	0	0	0.2920017	11.76	0.38781565	0	0.38781565	-0.0034888
322	14	0	0.073	1.197012	0	0	0	0.2846483	11.76	0.34072734	0	0.34072734	-0.0076711
322	15	0	0.089	1.270678	0	0	0	0.2960673	11.76	0.37620625	0	0.37620625	-0.0127168
322	16	0	0.174	1.400403	0	0	0	0.3421789	11.76	0.47918834	0	0.47918834	0.0095937
322	17	0	0.206	1.669912	0	0	0	0.349173	11.76	0.58308834	0	0.58308834	0.01886821
322	18	0	0.191	2.011388	0	0	0	0.3572529	11.76	0.71857412	0	0.71857412	0.02180482
322	19	0	0.173	2.074803	0	0	0	0.3558358	11.76	0.73828923	0	0.73828923	0.02634301
322	20	0	0.148	2.235946	0	0	0	0.3478599	11.76	0.777796	0	0.777796	0.0229687
322	21	0	0.15	2.186934	0	0	0	0.3526873	11.76	0.77130388	0	0.77130388	0.02646367
322	22	0	0.186	1.972688	0	0	0	0.3575064	11.76	0.70524876	0	0.70524876	0.03469244
322	23	0	0.279	1.647962	0	0	0	0.3611672	11.76	0.59518972	0	0.59518972	0.04190919
322	24	0	0.372	1.447863	0	0	0	0.3652155	11.76	0.52878199	0	0.52878199	0.05771197
323	1	0	0.44	1.088104	0	0	0	0.3692501	11.76	0.40178249	0	0.40178249	0.07311581
323	2	0	0.477	1.015898	0	0	0	0.3712349	11.76	0.37713684	0	0.37713684	0.06830943
323	3	0	0.491	0.958426	0	0	0	0.3719117	11.76	0.35644975	0	0.35644975	0.06768903
323	4	0	0.575	1.127648	0	0	0	0.3609587	11.76	0.40703434	0	0.40703434	0.07147092
323	5	0	0.599	1.199656	0	0	0	0.3556188	11.76	0.42662032	0	0.42662032	0.06863547
323	6	0	0.546	1.519053	0	0	0	0.3428846	11.76	0.52085997	0	0.52085997	0.06309215
323	7	0	0.528	1.745592	0	0	0	0.3290651	11.76	0.57441358	0	0.57441358	0.05857735
323	8	0	0.539	2.067321	0	0	0	0.2861414	11.76	0.59154617	0	0.59154617	0.05322848
323	9	0	0.395	1.759486	0	0	0	0.2804068	11.76	0.49337178	0	0.49337178	0.03505871
323	10	0	0.081	1.443286	0	0	0	0.2834942	11.76	0.4091632	0	0.4091632	-0.0099092
323	11	0	0	1.320271	0	0	0	0.2844202	11.76	0.37551182	0	0.37551182	1.597E-05
323	12	0	0	1.279807	0	0	0	0.2857911	11.76	0.36575746	0	0.36575746	1.7034E-05
323	13	0	0	1.237128	0	0	0	0.2920017	11.76	0.36124347	0	0.36124347	-0.0002768
323	14	0	0	1.170012	0	0	0	0.2846483	11.76	0.33304182	0	0.33304182	-0.0002703
323	15	0	0	1.227678	0	0	0	0.2960673	11.76	0.36347532	0	0.36347532	1.4153E-05
323	16	0	0	1.271403	0	0	0	0.3421789	11.76	0.43504727	0	0.43504727	1.2645E-05
323	17	0	0	1.509912	0	0	0	0.349173	11.76	0.52722066	0	0.52722066	-0.0003363
323	18	0	0	1.866388	0	0	0	0.3572529	11.76	0.66677241	0	0.66677241	-0.0003448
323	19	0	0.12	2.021803	0	0	0	0.3558358	11.76	0.71942994	0	0.71942994	-0.0135106
323	20	0	0.139	2.226946	0	0	0	0.3478599	11.76	0.77466524	0	0.77466524	0.01427225
323	21	0	0.249	2.285934	0	0	0	0.3526873	11.76	0.80621991	0	0.80621991	0.02434753
323	22	0	0.351	2.137688	0	0	0	0.3575064	11.76	0.76423735	0	0.76423735	0.0511377
323	23	0	0.482	1.850962	0	0	0	0.3611672	11.76	0.66850663	0	0.66850663	0.07622008
323	24	0	0.557	1.632863	0	0	0	0.3652155	11.76	0.59634683	0	0.59634683	0.08692922
324	1	0	0.579	1.227104	0	0	0	0.3692501	11.76	0.45310822	0	0.45310822	0.08677809
324	2	0	0.653	1.191898	0	0	0	0.3712349	11.76	0.44247422	0	0.44247422	0.09949311
324	3	0	0.663	1.130426	0	0	0	0.3719117	11.76	0.42041856	0	0.42041856	0.09409478
324	4	0	0.719	1.271648	0	0	0	0.3609587	11.76	0.45901241	0	0.45901241	0.09312841
324	5	0	0.675	1.275656	0	0	0	0.3556188	11.76	0.45364734	0	0.45364734	0.08961699
324	6	0	0.7	1.673054	0	0	0	0.3428846	11.76	0.57366421	0	0.57366421	0.08812271
324	7	0	0.689	1.906592	0	0	0	0.3290651	11.76	0.62739306	0	0.62739306	0.08128288
324	8	0	0.69	2.218321	0	0	0	0.2861414	11.76	0.63475354	0	0.63475354	0.06896628
324	9	0	0.51	1.874486	0	0	0	0.2804068	11.76	0.52561857	0	0.52561857	0.04599458
324	10	0	0.419	1.781286	0	0	0	0.2834942	11.76	0.50498427	0	0.50498427	0.03148099
324	11	0	0.287	1.561271	0	0	0	0.2844202	11.76	0.44405711	0	0.44405711	0.01765
324	12	0	0.235	1.468807	0	0	0	0.2857911	11.76	0.41977199	0	0.41977199	0.01030552
324	13	0	0.209	1.400128	0	0	0	0.2920017	11.76	0.40883978	0	0.40883978	0.00760723
324	14	0	0.246	1.370012	0	0	0	0.2846483	11.76	0.38997149	0	0.38997149	0.00940775
324	15	0	0.306	1.487678	0	0	0	0.2960673	11.76	0.44045286	0	0.44045286	0.01866635
324	16	0	0.348	1.574403	0	0	0	0.3421789	11.76	0.53872748	0	0.53872748	0.03765233
324	17	0	0.326	1.789912	0	0	0	0.349173	11.76	0.62498911	0	0.62498911	0.03772357
324	18	0	0.322	2.142388	0	0	0	0.3572529	11.76	0.76537426	0	0.76537426	0.04395442
324	19	0	0.295	2.196803	0	0	0	0.3558358	11.76	0.7817012	0	0.7817012	0.03737397
324	20	0	0.28	2.367946	0	0	0	0.3478599	11.76	0.82371349	0	0.82371349	0.039666
324	21	0	0.261	2.297934	0	0	0	0.3526873	11.76	0.81045219	0	0.81045219	0.04233454
324	22	0	0.292	2.078688	0	0	0	0.3575064	11.76	0.74314447	0	0.74314447	0.04899273
324	23	0	0.376	1.744962	0	0	0	0.3611672	11.76	0.63022289	0	0.63022289	0.0552724
324	24	0	0.441	1.516863	0	0	0	0.3652155	11.76	0.55398186	0	0.55398186	0.06684235
325	1	0	0.486	1.134104	0	0	0	0.3692501	11.76	0.41876799	0	0.41876799	0.08234705
325	2	0	0.518	1.056898	0	0	0	0.3712349	11.76	0.39235752	0	0.39235752	0.09169717
325	3	0	0.526	0.993426	0	0	0	0.3719117	11.76	0.36946667	0	0.36946667	0.08963181
325	4	0	0.453	1.005648	0	0	0	0.3609587	11.76	0.36299739	0	0.36299739	0.06930515
325	5	0	0.43	1.030656	0	0	0	0.3556188	11.76	0.36652073	0	0.36652073	0.05867815
325	6	0	0.408	1.381053	0	0	0	0.3428846	11.76	0.4735419	0	0.4735419	0.05040545
325	7	0	0.395	1.612592	0	0	0	0.3290651	11.76	0.53064791	0	0.53064791	0.0496926
325	8	0	0.395	1.923321	0	0	0	0.2861414	11.76	0.55034179	0	0.55034179	0.04121059
325	9	0	0.372	1.736486	0	0	0	0.2804068	11.76	0.48692242	0	0.48692242	0.03618032
325	10	0	0.354	1.716286	0	0	0	0.2834942	11.76	0.48655713	0	0.48655713	0.02382666

325	11	0	0.327	1.601271	0	0	0	0.2844202	11.76	0.4554339	0	0.4554339	0.02077863
325	12	0	0.522	1.755807	0	0	0	0.2857911	11.76	0.50179407	0	0.50179407	0.0523168
325	13	0	0.549	1.740128	0	0	0	0.2920017	11.76	0.50812035	0	0.50812035	0.0496555
325	14	0	0.559	1.683012	0	0	0	0.2846483	11.76	0.4790664	0	0.4790664	0.04982783
325	15	0	0.519	1.700678	0	0	0	0.2960673	11.76	0.50351518	0	0.50351518	0.05271413
325	16	0	0.462	1.688403	0	0	0	0.3421789	11.76	0.57773591	0	0.57773591	0.04825985
325	17	0	0.565	2.028912	0	0	0	0.349173	11.76	0.70844149	0	0.70844149	0.07089497
325	18	0	0.564	2.384388	0	0	0	0.3572529	11.76	0.85182942	0	0.85182942	0.07503547
325	19	0	0.63	2.531803	0	0	0	0.3558358	11.76	0.90090614	0	0.90090614	0.07865099
325	20	0	0.769	2.856946	0	0	0	0.3478599	11.76	0.99381699	0	0.99381699	0.10436789
325	21	0	0.808	2.844934	0	0	0	0.3526873	11.76	1.0033721	0	1.0033721	0.11745695
325	22	0	0.922	2.709688	0	0	0	0.3575064	11.76	0.96873104	0	0.96873104	0.12978921
325	23	0	1.047	2.415962	0	0	0	0.3611672	11.76	0.87256606	0	0.87256606	0.14737007
325	24	0	1.149	2.224863	0	0	0	0.3652155	11.76	0.81255445	0	0.81255445	0.16508529
326	1	0	1.261	1.909104	0	0	0	0.3692501	11.76	0.70493679	0	0.70493679	0.17945983
326	2	0	1.417	1.955898	0	0	0	0.3712349	11.76	0.72609764	0	0.72609764	0.19787039
326	3	0	1.361	1.828426	0	0	0	0.3719117	11.76	0.68001292	0	0.68001292	0.19041989
326	4	0	1.374	1.926648	0	0	0	0.3609587	11.76	0.69544031	0	0.69544031	0.18878241
326	5	0	1.421	2.021656	0	0	0	0.3556188	11.76	0.71893899	0	0.71893899	0.18670092
326	6	0	1.438	2.411053	0	0	0	0.3428846	11.76	0.82671298	0	0.82671298	0.18447332
326	7	0	1.463	2.680593	0	0	0	0.3290651	11.76	0.88208947	0	0.88208947	0.18263492
326	8	0	1.452	2.980321	0	0	0	0.2861414	11.76	0.85279327	0	0.85279327	0.15423646
326	9	0	1.25	2.614486	0	0	0	0.2804068	11.76	0.73311965	0	0.73311965	0.12170439
326	10	0	0.943	2.305286	0	0	0	0.2834942	11.76	0.65353524	0	0.65353524	0.07287119
326	11	0	0.792	2.066271	0	0	0	0.2844202	11.76	0.58768931	0	0.58768931	0.06145072
326	12	0	0.427	1.660807	0	0	0	0.2857911	11.76	0.4746439	0	0.4746439	0.00801915
326	13	0	0.383	1.574128	0	0	0	0.2920017	11.76	0.45964809	0	0.45964809	0.01023526
326	14	0	0.423	1.547012	0	0	0	0.2846483	11.76	0.44035422	0	0.44035422	0.02221694
326	15	0	0.41	1.591678	0	0	0	0.2960673	11.76	0.47124385	0	0.47124385	0.01363322
326	16	0	0.522	1.748403	0	0	0	0.3421789	11.76	0.59826662	0	0.59826662	0.04825989
326	17	0	0.665	2.128912	0	0	0	0.349173	11.76	0.74335876	0	0.74335876	0.0694983
326	18	0	0.828	2.648388	0	0	0	0.3572529	11.76	0.94614416	0	0.94614416	0.10611652
326	19	0	0.84	2.741803	0	0	0	0.3558358	11.76	0.97563168	0	0.97563168	0.10605031
326	20	0	0.839	2.926946	0	0	0	0.3478599	11.76	1.01816716	0	1.01816716	0.1269788
326	21	0	0.783	2.819934	0	0	0	0.3526873	11.76	0.99455497	0	0.99455497	0.12204181
326	22	0	0.826	2.613688	0	0	0	0.3575064	11.76	0.93441044	0	0.93441044	0.12406901
326	23	0	1.024	2.392962	0	0	0	0.3611672	11.76	0.86425922	0	0.86425922	0.15387103
326	24	0	1.015	2.090863	0	0	0	0.3652155	11.76	0.76361555	0	0.76361555	0.14171154
327	1	0	1.203	1.851104	0	0	0	0.3692501	11.76	0.6835203	0	0.6835203	0.16432057
327	2	0	1.378	1.916898	0	0	0	0.3712349	11.76	0.71161946	0	0.71161946	0.18673336
327	3	0	1.35	1.817426	0	0	0	0.3719117	11.76	0.67592188	0	0.67592188	0.17405577
327	4	0	1.307	1.859648	0	0	0	0.3609587	11.76	0.67125612	0	0.67125612	0.17398314
327	5	0	1.307	1.907656	0	0	0	0.3556188	11.76	0.67839841	0	0.67839841	0.16536382
327	6	0	1.252	2.225054	0	0	0	0.3428846	11.76	0.7629365	0	0.7629365	0.14881329
327	7	0	1.233	2.450593	0	0	0	0.3290651	11.76	0.80640449	0	0.80640449	0.14150178
327	8	0	1.248	2.776321	0	0	0	0.2861414	11.76	0.79442042	0	0.79442042	0.12676689
327	9	0	1.242	2.606486	0	0	0	0.2804068	11.76	0.73087636	0	0.73087636	0.11581587
327	10	0	1.121	2.483286	0	0	0	0.2834942	11.76	0.70399727	0	0.70399727	0.10093705
327	11	0	0.955	2.229271	0	0	0	0.2844202	11.76	0.63404983	0	0.63404983	0.07424959
327	12	0	1.004	2.237807	0	0	0	0.2857911	11.76	0.63954543	0	0.63954543	0.07317951
327	13	0	0.853	2.044128	0	0	0	0.2920017	11.76	0.59688892	0	0.59688892	0.05870752
327	14	0	0.787	1.911012	0	0	0	0.2846483	11.76	0.54396622	0	0.54396622	0.04641202
327	15	0	0.713	1.895678	0	0	0	0.2960673	11.76	0.56124833	0	0.56124833	0.04590454
327	16	0	0.792	2.018403	0	0	0	0.3421789	11.76	0.69065493	0	0.69065493	0.06776406
327	17	0	0.826	2.289912	0	0	0	0.349173	11.76	0.79957563	0	0.79957563	0.07822758
327	18	0	0.878	2.698388	0	0	0	0.3572529	11.76	0.96400687	0	0.96400687	0.0928981
327	19	0	0.865	2.766803	0	0	0	0.3558358	11.76	0.98452761	0	0.98452761	0.09537525
327	20	0	0.853	2.940947	0	0	0	0.3478599	11.76	1.02303726	0	1.02303726	0.09949788
327	21	0	0.865	2.901934	0	0	0	0.3526873	11.76	1.02347525	0	1.02347525	0.11075596
327	22	0	1	2.787688	0	0	0	0.3575064	11.76	0.99661648	0	0.99661648	0.13836934
327	23	0	1.268	2.636962	0	0	0	0.3611672	11.76	0.95238408	0	0.95238408	0.16940113
327	24	0	1.234	2.309863	0	0	0	0.3652155	11.76	0.84359769	0	0.84359769	0.16179841
328	1	0	1.319	1.967104	0	0	0	0.3692501	11.76	0.72635328	0	0.72635328	0.18093685
328	2	0	1.391	1.929898	0	0	0	0.3712349	11.76	0.71644552	0	0.71644552	0.18302101
328	3	0	1.37	1.837426	0	0	0	0.3719117	11.76	0.68336015	0	0.68336015	0.17889067
328	4	0	1.384	1.936648	0	0	0	0.3609587	11.76	0.6990499	0	0.6990499	0.16640304
328	5	0	1.523	2.123656	0	0	0	0.3556188	11.76	0.7552121	0	0.7552121	0.18883457
328	6	0	1.524	2.497053	0	0	0	0.3428846	11.76	0.85620104	0	0.85620104	0.18310172
328	7	0	1.571	2.788593	0	0	0	0.3290651	11.76	0.91762852	0	0.91762852	0.1823058
328	8	0	1.513	3.041321	0	0	0	0.2861414	11.76	0.87024793	0	0.87024793	0.15223348
328	9	0	1.185	2.549486	0	0	0	0.2804068	11.76	0.71489319	0	0.71489319	0.10824483
328	10	0	0.614	1.976286	0	0	0	0.2834942	11.76	0.56026563	0	0.56026563	0.03318197
328	11	0	0.26	1.534271	0	0	0	0.2844202	11.76	0.43637774	0	0.43637774	-0.0170493
328	12	0	0.096	1.329807	0	0	0	0.2857911	11.76	0.38004704	0	0.38004704	1.7E-05
328	13	0	0.096	1.287128	0	0	0	0.2920017	11.76	0.37584357	0	0.37584357	1.5212E-05
328	14	0	0.096	1.220012	0	0	0	0.2846483	11.76	0.34727425	0	0.34727425	-0.0002703
328	15	0	0.302	1.483678	0	0	0	0.2960673	11.76	0.43926857	0	0.43926857	-0.0364021
328	16	0	0.422	1.648403	0	0	0	0.3421789	11.76	0.56404872	0	0.56404872	-0.0068309
328	17	0	0.639	2.102912	0	0	0	0.349173	11.76	0.73428026	0	0.73428026	0.03632685
328	18	0	0.663	2.483388	0	0	0	0.3572529	11.76	0.88719744	0	0.88719744	0.05788738
328	19	0	0.64	2.541803	0	0	0	0.3558358	11.76	0.90446458	0	0.90446458	0.07331333
328	20	0	0.727	2.814946	0	0	0	0.3478599	11.76	0.97920686	0	0.97920686	0.08871426
328	21	0	0.784	2.820934	0	0	0	0.3526873	11.76	0.99490763	0	0.99490763	0.11463541
328	22	0	0.809	2.596688	0	0	0	0.3575064	11.76	0.92833276	0	0.92833276	0.11977899
328	23	0	0.939	2.307962	0	0	0	0.3611672	11.76	0.83356008	0	0.83356008	0.1426748
328	24	0	1.023	2.098863	0	0	0	0.3652155	11.76	0.76653723	0	0.76653723	0.14865065
329	1	0	0.94	1.588104	0	0	0	0.3692501	11.76	0.58640752	0	0.58640752	0.13551909
329	2	0	1.155	1.693898	0	0	0	0.3712349	11.76	0.62883407	0	0.62883407	0.16594421
329	3	0	1.179	1.646426	0	0	0	0.3719117	11.76	0.61232502	0	0.61232502	0.16475798
329	4	0	1.182	1.734648	0	0	0	0.3609587	11.76	0.62613628	0	0.62613628	0.15737904
329	5	0	1.177	1.777656	0	0	0	0.3556188	11.76	0.63216801	0	0.63216801	0.14971654
329	6	0	1.177	2.150054	0	0	0	0.3428846	11.76	0.73722014	0	0.73722014	0.14298427
329	7	0	1.109	2.326592	0	0	0	0.3290651	11.76	0.76560039	0	0.76560039	0.12866823
329	8	0	1.122	2.650321	0	0	0	0.2861414	11.76	0.75836662	0	0.75836662	0.1107429
329	9	0	1.123	2.487486	0	0	0	0.2804068	11.76	0.69750796	0	0.69750796	0.10291716
329	10	0	0.973	2.335286	0	0	0	0.2834942	11.76	0.66204005	0	0.66204005	0.08364394
329	11	0	0.838	2.112271	0	0	0	0.2844202	11.76	0.60077264	0	0.60077264	0.06600146
329	12	0	0.779	2.012807	0	0	0	0.2857911	11.76	0.57524238	0	0.57524238	0.05888997
329	13	0	0.576	1.767128	0	0	0	0.2920017	11.76	0.51600442	0	0.51600442	0.03797544
329	14	0	0.465	1.589012	0	0	0	0.2846483	11.76	0.45230946	0	0.45230946	0.02392484
329	15	0	0.439	1.620678	0	0	0	0.2960673	11.76	0.47982978	0	0.47982978	0.02073888
329	16	0	0.375	1.601403	0	0	0	0.3421789	11.76	0.54796633	0	0.54796633	0.01267325
329	17	0	0.522	1.985912	0	0	0	0.349173	11.76	0.69342702	0	0.69342702	0.03807271
329	18	0	0.535	2.355388	0	0	0	0.3572529	11.76	0.84146907	0	0.84146907	0.04502627
329	19	0	0.522	2.423803	0	0	0	0.3558358	11.76	0.86247594	0	0.86247594	0.05694488
329	20	0	0.684	2.771946	0	0	0	0.3478599	11.76	0.96424889	0	0.96424889	0.07410412
329	21	0	0.727	2.763934	0	0	0	0.3526873	11.76	0.9748044	0	0.9748044	0.09382702
329	22	0	0.793	2.580688	0	0	0	0.3575064	11.76	0.92261273	0	0.92261273	0.10833876
329	23	0	1.03	2.398962	0	0	0	0.3611672	11.76	0.86642623	0	0.86642623	0.13364567
329	24	0	1.159	2.234863	0	0	0	0.3652155	11.76	0.8162066	0	0.8162066	0.16070276
330	1	0	1.357	2.005104	0	0	0	0.3692501	11.76	0.74038483	0	0.74038483	0.18869107
330	2	0	1.476	2.014898	0	0	0	0.3712349	11.76	0.7480005	0	0.7480005	0.2064088
330	3	0	1.456	1.923426	0	0	0	0.3719117	11.76	0.71534455	0	0.71534455	0.20380872
330	4	0	1.454	2.006648	0	0	0	0.3609587	11.76	0.72431698	0	0.72431698	0.19600166
330	5	0	1.384	1.984656	0	0	0	0.3556188	11.76	0.70578111	0	0.70578111	0.17852161
330	6	0	1.37	2.343053	0	0	0	0.3428846	11.76	0.80339681	0	0.80339681	0.16458607
330	7	0	1.353	2.570592	0	0	0	0.3290651	11.76	0.84589227	0	0.84589227	0.15400629
330	8	0	1.319	2.847321	0	0	0	0.2861414	11.76	0.81473649	0	0.81473649	0.12962823

330	9	0	1.297	2.661486	0	0	0	0.2804068	11.76	0.74629876	0	0.74629876	0.12198484
330	10	0	1.188	2.550286	0	0	0	0.2834942	11.76	0.72299136	0	0.72299136	0.10405553
330	11	0	0.98	2.254271	0	0	0	0.2844202	11.76	0.6411603	0	0.6411603	0.07624059
330	12	0	0.778	2.011807	0	0	0	0.2857911	11.76	0.57495661	0	0.57495661	0.05031624
330	13	0	0.778	1.969128	0	0	0	0.2920017	11.76	0.57498877	0	0.57498877	0.05724755
330	14	0	0.726	1.850012	0	0	0	0.2846483	11.76	0.52660268	0	0.52660268	0.04555811
330	15	0	0.768	1.950678	0	0	0	0.2960673	11.76	0.57753201	0	0.57753201	0.05774726
330	16	0	0.784	2.010403	0	0	0	0.3421789	11.76	0.68791753	0	0.68791753	0.06639536
330	17	0	0.724	2.187912	0	0	0	0.349173	11.76	0.76395998	0	0.76395998	0.06356237
330	18	0	0.686	2.506388	0	0	0	0.3572529	11.76	0.89541426	0	0.89541426	0.06717597
330	19	0	0.591	2.492803	0	0	0	0.3558358	11.76	0.88702853	0	0.88702853	0.05338661
330	20	0	0.49	2.577946	0	0	0	0.3478599	11.76	0.89676408	0	0.89676408	0.04731895
330	21	0	0.511	2.547934	0	0	0	0.3526873	11.76	0.89862401	0	0.89862401	0.05608936
330	22	0	0.558	2.345688	0	0	0	0.3575064	11.76	0.83859867	0	0.83859867	0.07008562
330	23	0	0.613	1.981962	0	0	0	0.3611672	11.76	0.71581955	0	0.71581955	0.07044139
330	24	0	0.653	1.728863	0	0	0	0.3652155	11.76	0.63140755	0	0.63140755	0.06939884
331	1	0	0.718	1.366104	0	0	0	0.3692501	11.76	0.50443401	0	0.50443401	0.08456257
331	2	0	0.556	1.094898	0	0	0	0.3712349	11.76	0.4064644	0	0.4064644	0.06719572
331	3	0	0.463	0.930426	0	0	0	0.3719117	11.76	0.34603622	0	0.34603622	0.06285418
331	4	0	0.404	0.956648	0	0	0	0.3609587	11.76	0.34531041	0	0.34531041	0.04764765
331	5	0	0.433	1.033656	0	0	0	0.3556188	11.76	0.3675876	0	0.3675876	0.05049892
331	6	0	0.398	1.371053	0	0	0	0.3428846	11.76	0.47011306	0	0.47011306	0.03600427
331	7	0	0.377	1.594593	0	0	0	0.3290651	11.76	0.52472478	0	0.52472478	0.03323933
331	8	0	0.389	1.917321	0	0	0	0.2861414	11.76	0.54862496	0	0.54862496	0.03405699
331	9	0	0.454	1.818486	0	0	0	0.2804068	11.76	0.50991578	0	0.50991578	0.04094726
331	10	0	0.44	1.802286	0	0	0	0.2834942	11.76	0.51093762	0	0.51093762	0.04026935
331	11	0	0.468	1.742271	0	0	0	0.2844202	11.76	0.49553716	0	0.49553716	0.04523876
331	12	0	0.505	1.738807	0	0	0	0.2857911	11.76	0.49693563	0	0.49693563	0.04402881
331	13	0	0.433	1.624128	0	0	0	0.2920017	11.76	0.47424816	0	0.47424816	0.04060347
331	14	0	0.328	1.452012	0	0	0	0.2846483	11.76	0.41331266	0	0.41331266	0.04185767
331	15	0	0.276	1.457678	0	0	0	0.2960673	11.76	0.43157081	0	0.43157081	0.04027928
331	16	0	0.338	1.564403	0	0	0	0.3421789	11.76	0.53530569	0	0.53530569	0.03559929
331	17	0	0.371	1.834912	0	0	0	0.349173	11.76	0.64070188	0	0.64070188	0.04016777
331	18	0	0.415	2.235388	0	0	0	0.3572529	11.76	0.79859876	0	0.79859876	0.0485988
331	19	0	0.409	2.310803	0	0	0	0.3558358	11.76	0.82226643	0	0.82226643	0.04306735
331	20	0	0.456	2.543947	0	0	0	0.3478599	11.76	0.88493687	0	0.88493687	0.05427605
331	21	0	0.474	2.510934	0	0	0	0.3526873	11.76	0.8855746	0	0.8855746	0.06208503
331	22	0	0.587	2.374688	0	0	0	0.3575064	11.76	0.84896637	0	0.84896637	0.08295585
331	23	0	0.75	2.118962	0	0	0	0.3611672	11.76	0.76529944	0	0.76529944	0.1043911
331	24	0	0.93	2.005863	0	0	0	0.3652155	11.76	0.73257222	0	0.73257222	0.13112027
332	1	0	1.021	1.669104	0	0	0	0.3692501	11.76	0.61631677	0	0.61631677	0.14179632
332	2	0	1.162	1.700898	0	0	0	0.3712349	11.76	0.6314327	0	0.6314327	0.16223195
332	3	0	1.236	1.703426	0	0	0	0.3719117	11.76	0.63352396	0	0.63352396	0.1703367
332	4	0	1.251	1.803648	0	0	0	0.3609587	11.76	0.65104235	0	0.65104235	0.16820788
332	5	0	1.275	1.875656	0	0	0	0.3556188	11.76	0.66701859	0	0.66701859	0.16749754
332	6	0	1.23	2.203053	0	0	0	0.3428846	11.76	0.75539301	0	0.75539301	0.15189928
332	7	0	1.26	2.477592	0	0	0	0.3290651	11.76	0.81528923	0	0.81528923	0.15104469
332	8	0	1.266	2.794321	0	0	0	0.2861414	11.76	0.799571	0	0.799571	0.12762525
332	9	0	1.181	2.545485	0	0	0	0.2804068	11.76	0.71377151	0	0.71377151	0.11160981
332	10	0	1.048	2.410286	0	0	0	0.2834942	11.76	0.68330214	0	0.68330214	0.08817985
332	11	0	0.812	2.086271	0	0	0	0.2844202	11.76	0.59337771	0	0.59337771	0.05661559
332	12	0	0.501	1.734807	0	0	0	0.2857911	11.76	0.49579244	0	0.49579244	0.01459238
332	13	0	0.359	1.550128	0	0	0	0.2920017	11.76	0.45264004	0	0.45264004	1.5212E-05
332	14	0	0.374	1.498012	0	0	0	0.2846483	11.76	0.42640648	0	0.42640648	0.00229154
332	15	0	0.484	1.665678	0	0	0	0.2960673	11.76	0.49315284	0	0.49315284	0.02369952
332	16	0	0.621	1.847403	0	0	0	0.3421789	11.76	0.63214233	0	0.63214233	0.05989394
332	17	0	0.74	2.203912	0	0	0	0.349173	11.76	0.76954676	0	0.76954676	0.08590941
332	18	0	0.676	2.496388	0	0	0	0.3572529	11.76	0.89184174	0	0.89184174	0.0803943
332	19	0	0.751	2.652803	0	0	0	0.3558358	11.76	0.94396238	0	0.94396238	0.09252843
332	20	0	0.786	2.873946	0	0	0	0.3478599	11.76	0.99973059	0	0.99973059	0.1008893
332	21	0	0.808	2.844934	0	0	0	0.3526873	11.76	1.0033721	0	1.0033721	0.10828707
332	22	0	0.814	2.601688	0	0	0	0.3575064	11.76	0.93012033	0	0.93012033	0.13193418
332	23	0	0.672	2.040962	0	0	0	0.3611672	11.76	0.73712837	0	0.73712837	0.09319496
332	24	0	0.858	1.933863	0	0	0	0.3652155	11.76	0.70627674	0	0.70627674	0.11249428
333	1	0	0.582	1.230104	0	0	0	0.3692501	11.76	0.45421598	0	0.45421598	0.10228657
333	2	0	0.692	1.230898	0	0	0	0.3712349	11.76	0.45695239	0	0.45695239	0.10469038
333	3	0	0.709	1.176426	0	0	0	0.3719117	11.76	0.4375265	0	0.4375265	0.10934312
333	4	0	0.738	1.290648	0	0	0	0.3609587	11.76	0.46587064	0	0.46587064	0.10720577
333	5	0	0.751	1.351656	0	0	0	0.3556188	11.76	0.48067436	0	0.48067436	0.09708499
333	6	0	0.732	1.705053	0	0	0	0.3428846	11.76	0.5846365	0	0.5846365	0.09840928
333	7	0	0.781	1.998592	0	0	0	0.3290651	11.76	0.65766705	0	0.65766705	0.10300117
333	8	0	0.965	2.493321	0	0	0	0.2861414	11.76	0.71344246	0	0.71344246	0.121044
333	9	0	0.919	2.283486	0	0	0	0.2804068	11.76	0.64030497	0	0.64030497	0.10179554
333	10	0	0.911	2.273286	0	0	0	0.2834942	11.76	0.64446347	0	0.64446347	0.1068904
333	11	0	0.859	2.133271	0	0	0	0.2844202	11.76	0.60674544	0	0.60674544	0.09302138
333	12	0	0.884	2.117807	0	0	0	0.2857911	11.76	0.60525046	0	0.60525046	0.11461929
333	13	0	0.945	2.136128	0	0	0	0.2920017	11.76	0.62375308	0	0.62375308	0.11652392
333	14	0	1.071	2.195012	0	0	0	0.2846483	11.76	0.62480632	0	0.62480632	0.1369302
333	15	0	0.973	2.155678	0	0	0	0.2960673	11.76	0.63822583	0	0.63822583	0.12465846
333	16	0	1.094	2.320403	0	0	0	0.3421789	11.76	0.79399298	0	0.79399298	0.16870687
333	17	0	1.152	2.615912	0	0	0	0.349173	11.76	0.91340603	0	0.91340603	0.18123365
333	18	0	1.131	2.951388	0	0	0	0.3572529	11.76	1.05439177	0	1.05439177	0.18828469
333	19	0	1.11	3.011803	0	0	0	0.3558358	11.76	1.07170735	0	1.07170735	0.18077586
333	20	0	1.096	3.183946	0	0	0	0.3478599	11.76	1.10756713	0	1.10756713	0.18576717
333	21	0	1.102	3.138934	0	0	0	0.3526873	11.76	1.10706213	0	1.10706213	0.20104392
333	22	0	1.107	2.894688	0	0	0	0.3575064	11.76	1.03486971	0	1.03486971	0.18055502
333	23	0	1.233	2.601962	0	0	0	0.3611672	11.76	0.93974311	0	0.93974311	0.20696263
333	24	0	1.251	2.326863	0	0	0	0.3652155	11.76	0.84980634	0	0.84980634	0.20087651
334	1	0	1.316	1.964104	0	0	0	0.3692501	11.76	0.72524553	0	0.72524553	0.20678433
334	2	0	1.303	1.841898	0	0	0	0.3712349	11.76	0.68377683	0	0.68377683	0.1826498
334	3	0	1.31	1.777426	0	0	0	0.3719117	11.76	0.66104543	0	0.66104543	0.17777497
334	4	0	1.31	1.862648	0	0	0	0.3609587	11.76	0.67233891	0	0.67233891	0.17326128
334	5	0	1.285	1.885656	0	0	0	0.3556188	11.76	0.67057486	0	0.67057486	0.15967382
334	6	0	1.243	2.216053	0	0	0	0.3428846	11.76	0.75985052	0	0.75985052	0.15567098
334	7	0	1.215	2.432593	0	0	0	0.3290651	11.76	0.80048136	0	0.80048136	0.14577956
334	8	0	1.256	2.784321	0	0	0	0.2861414	11.76	0.79670959	0	0.79670959	0.12533615
334	9	0	1.205	2.569486	0	0	0	0.2804068	11.76	0.72050133	0	0.72050133	0.106282
334	10	0	1.295	2.657286	0	0	0	0.2834942	11.76	0.75332521	0	0.75332521	0.12758554
334	11	0	1.329	2.603271	0	0	0	0.2844202	11.76	0.74042294	0	0.74042294	0.13113371
334	12	0	1.291	2.524807	0	0	0	0.2857911	11.76	0.7215674	0	0.7215674	0.12519354
334	13	0	1.244	2.435128	0	0	0	0.2920017	11.76	0.71106154	0	0.71106154	0.13258404
334	14	0	1.204	2.328012	0	0	0	0.2846483	11.76	0.66266458	0	0.66266458	0.11358904
334	15	0	1.148	2.330678	0	0	0	0.2960673	11.76	0.69003759	0	0.69003759	0.1024534
334	16	0	1.182	2.408403	0	0	0	0.3421789	11.76	0.82410475	0	0.82410475	0.12969844
334	17	0	1.169	2.632912	0	0	0	0.349173	11.76	0.91934196	0	0.91934196	0.13514282
334	18	0	1.156	2.976388	0	0	0	0.3572529	11.76	1.06332313	0	1.06332313	0.16220525
334	19	0	1.098	2.999803	0	0	0	0.3558358	11.76	1.06743729	0	1.06743729	0.13914311
334	20	0	1.068	3.155946	0	0	0	0.3478599	11.76	1.0978271	0	1.0978271	0.13671892
334	21	0	1.055	3.091934	0	0	0	0.3526873	11.76	1.09048585	0	1.09048585	0.13297516
334	22	0	1.102	2.889688	0	0	0	0.3575064	11.76	1.03308222	0	1.03308222	0.13765421
334	23	0	1.191	2.559962	0	0	0	0.3611672	11.76	0.92457415	0	0.92457415	0.1466477
334	24	0	1.276	2.351863	0	0	0	0.3652155	11.76	0.85893676	0	0.85893676	0.15339846
335	1	0	1.324	1.981104	0	0	0	0.3252238	11.76	0.64430216	0	0.64430216	0.13952481
335	2	0	1.372	1.914898	0	0	0	0.3211932	11.76	0.61505233	0	0.61505233	0.14004215
335	3	0	1.383	1.850426	0	0	0	0.3131471	11.76	0.57945551	0	0.57945551	0.13559363
335	4	0	1.39	1.942648	0	0	0	0.3082094	11.76	0.59874246	0	0.59874246	0.13407203
335	5	0	1.505	2.105656	0	0	0	0.3155006	11.76	0.66433571	0	0.66433571	0.15301872
335	6	0	1.441	2.423054	0	0	0	0.3105039	11.76	0.75236768	0	0.75236768	0.1474906

335	7	0	1.297	2.531592	0	0	0	0.301888	11.76	0.76425745	0	0.76425745	0.12498511
335	8	0	1.323	2.893321	0	0	0	0.2687788	11.76	0.77766339	0	0.77766339	0.1107427
335	9	0	1.299	2.696486	0	0	0	0.2385669	11.76	0.64329231	0	0.64329231	0.09567206
335	10	0	1.24	2.636286	0	0	0	0.2417666	11.76	0.63736578	0	0.63736578	0.08801418
335	11	0	0.724	2.031271	0	0	0	0.239453	11.76	0.48639408	0	0.48639408	0.02539542
335	12	0	0.533	1.796807	0	0	0	0.2464478	11.76	0.44281916	0	0.44281916	0.01923761
335	13	0	0.223	1.440128	0	0	0	0.2656847	11.76	0.38261994	0	0.38261994	-0.0172557
335	14	0	0.096	1.243012	0	0	0	0.2538451	11.76	0.31553239	0	0.31553239	1.28E-05
335	15	0	0.096	1.297678	0	0	0	0.267249	11.76	0.34680318	0	0.34680318	1.2743E-05
335	16	0	0.096	1.340403	0	0	0	0.3072434	11.76	0.4118299	0	0.4118299	-0.0002959
335	17	0	0.096	1.580912	0	0	0	0.3214636	11.76	0.50820578	0	0.50820578	1.1841E-05
335	18	0	0.351	2.197388	0	0	0	0.3170876	11.76	0.69676442	0	0.69676442	-0.0028428
335	19	0	0.506	2.438803	0	0	0	0.3210003	11.76	0.78285632	0	0.78285632	0.0478392
335	20	0	0.634	2.756947	0	0	0	0.3191333	11.76	0.87983357	0	0.87983357	0.0807498
335	21	0	0.768	2.835934	0	0	0	0.3230619	11.76	0.91618225	0	0.91618225	0.11760565
335	22	0	0.863	2.678689	0	0	0	0.3179294	11.76	0.85163374	0	0.85163374	0.12782032
335	23	0	1.064	2.457962	0	0	0	0.3166278	11.76	0.77825903	0	0.77825903	0.15136022
335	24	0	1.207	2.304863	0	0	0	0.3238801	11.76	0.74649922	0	0.74649922	0.17846499
336	1	0	1.335	1.992104	0	0	0	0.3252238	11.76	0.6478796	0	0.6478796	0.19643896
336	2	0	1.386	1.928898	0	0	0	0.3211932	11.76	0.61954905	0	0.61954905	0.19496615
336	3	0	1.477	1.944426	0	0	0	0.3131471	11.76	0.60889133	0	0.60889133	0.19540469
336	4	0	1.392	1.944648	0	0	0	0.3082094	11.76	0.59935883	0	0.59935883	0.17598856
336	5	0	1.492	2.092656	0	0	0	0.3155006	11.76	0.6602342	0	0.6602342	0.18677724
336	6	0	1.333	2.315053	0	0	0	0.3105039	11.76	0.71883324	0	0.71883324	0.15401123
336	7	0	1.13	2.364593	0	0	0	0.301888	11.76	0.7138422	0	0.7138422	0.12075863
336	8	0	1.115	2.685321	0	0	0	0.2687788	11.76	0.72175741	0	0.72175741	0.10671105
336	9	0	0.577	1.974486	0	0	0	0.2385669	11.76	0.47104701	0	0.47104701	0.03269035
336	10	0	0.223	1.618286	0	0	0	0.2417666	11.76	0.39124738	0	0.39124738	0.00653893
336	11	0	0	1.353271	0	0	0	0.239453	11.76	0.32404488	0	0.32404488	1.3445E-05
336	12	0	0	1.309807	0	0	0	0.2464478	11.76	0.32279907	0	0.32279907	1.466E-05
336	13	0	0	1.263128	0	0	0	0.2656847	11.76	0.33559373	0	0.33559373	-0.0002518
336	14	0	0	1.192012	0	0	0	0.2538451	11.76	0.30258629	0	0.30258629	-0.0002411
336	15	0	0	1.246678	0	0	0	0.267249	11.76	0.33317348	0	0.33317348	-0.0002545
336	16	0	0	1.288403	0	0	0	0.3072434	11.76	0.39585323	0	0.39585323	-0.0002959
336	17	0	0.096	1.579912	0	0	0	0.3214636	11.76	0.50788431	0	0.50788431	-0.0003096
336	18	0	0.096	1.941388	0	0	0	0.3170876	11.76	0.61559002	0	0.61559002	1.1E-05
336	19	0	0.096	2.027803	0	0	0	0.3210003	11.76	0.65092521	0	0.65092521	1.0102E-05
336	20	0	0.096	2.217947	0	0	0	0.3191333	11.76	0.70782069	0	0.70782069	9.1305E-06
336	21	0	0.137	2.204934	0	0	0	0.3230619	11.76	0.71233026	0	0.71233026	0.06785402
336	22	0	0.317	2.132688	0	0	0	0.3179294	11.76	0.67804423	0	0.67804423	0.09157643
336	23	0	0.461	1.854962	0	0	0	0.3166278	11.76	0.58733249	0	0.58733249	0.09658358
336	24	0	0.583	1.680863	0	0	0	0.3238801	11.76	0.54439806	0	0.54439806	0.10980233
337	1	0	0.681	1.338104	0	0	0	0.3252238	11.76	0.43518326	0	0.43518326	0.11708433
337	2	0	0.729	1.271898	0	0	0	0.3211932	11.76	0.40852509	0	0.40852509	0.1153103
337	3	0	0.779	1.246426	0	0	0	0.3131471	11.76	0.39031461	0	0.39031461	0.11743114
337	4	0	0.734	1.286648	0	0	0	0.3082094	11.76	0.39655704	0	0.39655704	0.10818245
337	5	0	0.871	1.471656	0	0	0	0.3155006	11.76	0.46430837	0	0.46430837	0.12146862
337	6	0	0.82	1.802053	0	0	0	0.3105039	11.76	0.55954471	0	0.55954471	0.10370954
337	7	0	0.802	2.036592	0	0	0	0.301888	11.76	0.61482291	0	0.61482291	0.09207933
337	8	0	0.78	2.350321	0	0	0	0.2687788	11.76	0.63171649	0	0.63171649	0.08735897
337	9	0	0.685	2.082486	0	0	0	0.2385669	11.76	0.49681225	0	0.49681225	0.06012555
337	10	0	0.43	1.826286	0	0	0	0.2417666	11.76	0.44153484	0	0.44153484	0.02999025
337	11	0	0.1	1.407271	0	0	0	0.239453	11.76	0.33697535	0	0.33697535	-0.0033389
337	12	0	0	1.309807	0	0	0	0.2464478	11.76	0.32279907	0	0.32279907	1.466E-05
337	13	0	0	1.263128	0	0	0	0.2656847	11.76	0.33559373	0	0.33559373	1.3841E-05
337	14	0	0	1.192012	0	0	0	0.2538451	11.76	0.30258629	0	0.30258629	1.28E-05
337	15	0	0	1.246678	0	0	0	0.267249	11.76	0.33317348	0	0.33317348	-0.0002545
337	16	0	0	1.288403	0	0	0	0.3072434	11.76	0.39585323	0	0.39585323	1.1354E-05
337	17	0	0	1.529912	0	0	0	0.3214636	11.76	0.49181114	0	0.49181114	-0.0003096
337	18	0	0.096	1.941388	0	0	0	0.3170876	11.76	0.61559002	0	0.61559002	1.1E-05
337	19	0	0.096	2.027803	0	0	0	0.3210003	11.76	0.65092521	0	0.65092521	1.0102E-05
337	20	0	0.096	2.217947	0	0	0	0.3191333	11.76	0.70782069	0	0.70782069	9.1305E-06
337	21	0	0.274	2.341934	0	0	0	0.3230619	11.76	0.75658969	0	0.75658969	0.05816225
337	22	0	0.447	2.262688	0	0	0	0.3179294	11.76	0.71937508	0	0.71937508	0.08966876
337	23	0	0.573	1.966962	0	0	0	0.3166278	11.76	0.6227948	0	0.6227948	0.1076655
337	24	0	0.596	1.693863	0	0	0	0.3238801	11.76	0.54860851	0	0.54860851	0.09814268
338	1	0	0.633	1.290104	0	0	0	0.3252238	11.76	0.41957253	0	0.41957253	0.10277447
338	2	0	0.773	1.315898	0	0	0	0.3211932	11.76	0.4226576	0	0.4226576	0.10438972
338	3	0	1.125	1.592426	0	0	0	0.3131471	11.76	0.49866354	0	0.49866354	0.14749322
338	4	0	1.04	1.592648	0	0	0	0.3082094	11.76	0.49086912	0	0.49086912	0.13684594
338	5	0	1.268	1.868656	0	0	0	0.3155006	11.76	0.58956208	0	0.58956208	0.15680468
338	6	0	1.293	2.275054	0	0	0	0.3105039	11.76	0.70641309	0	0.70641309	0.15928979
338	7	0	1.363	2.597593	0	0	0	0.301888	11.76	0.78418213	0	0.78418213	0.16332485
338	8	0	1.326	2.896321	0	0	0	0.2687788	11.76	0.77846974	0	0.77846974	0.139502
338	9	0	1.069	2.466486	0	0	0	0.2385669	11.76	0.58842191	0	0.58842191	0.08970787
338	10	0	0.43	1.826286	0	0	0	0.2417666	11.76	0.44153484	0	0.44153484	0.02660551
338	11	0	0.218	1.525271	0	0	0	0.239453	11.76	0.36523081	0	0.36523081	-0.0019022
338	12	0	0.096	1.359807	0	0	0	0.2464478	11.76	0.33512145	0	0.33512145	1.4689E-05
338	13	0	0.096	1.313128	0	0	0	0.2656847	11.76	0.34887799	0	0.34887799	1.3841E-05
338	14	0	0.096	1.242012	0	0	0	0.2538451	11.76	0.31527853	0	0.31527853	1.2831E-05
338	15	0	0.096	1.297678	0	0	0	0.267249	11.76	0.34680318	0	0.34680318	-0.0002545
338	16	0	0.096	1.340403	0	0	0	0.3072434	11.76	0.4118299	0	0.4118299	-0.0002959
338	17	0	0.274	1.758912	0	0	0	0.3214636	11.76	0.5654263	0	0.5654263	-0.0176686
338	18	0	0.502	2.348388	0	0	0	0.3170876	11.76	0.74464466	0	0.74464466	0.03901278
338	19	0	0.63	2.562803	0	0	0	0.3210003	11.76	0.82266038	0	0.82266038	0.08443318
338	20	0	0.713	2.835947	0	0	0	0.3191333	11.76	0.9050451	0	0.9050451	0.10755703
338	21	0	0.777	2.844934	0	0	0	0.3230619	11.76	0.91908982	0	0.91908982	0.12665134
338	22	0	0.882	2.697688	0	0	0	0.3179294	11.76	0.85767434	0	0.85767434	0.14339887
338	23	0	1.071	2.464962	0	0	0	0.3166278	11.76	0.78047541	0	0.78047541	0.15895926
338	24	0	1.293	2.390863	0	0	0	0.3238801	11.76	0.7743529	0	0.7743529	0.18688588
339	1	0	1.377	2.034104	0	0	0	0.3252238	11.76	0.66153898	0	0.66153898	0.19708948
339	2	0	1.424	1.966898	0	0	0	0.3211932	11.76	0.63175439	0	0.63175439	0.19400253
339	3	0	1.428	1.895426	0	0	0	0.3131471	11.76	0.59354711	0	0.59354711	0.18757606
339	4	0	1.48	2.032648	0	0	0	0.3082094	11.76	0.62648128	0	0.62648128	0.18739222
339	5	0	1.508	2.108656	0	0	0	0.3155006	11.76	0.66528222	0	0.66528222	0.19403375
339	6	0	1.549	2.531054	0	0	0	0.3105039	11.76	0.78590212	0	0.78590212	0.19437671
339	7	0	1.436	2.670593	0	0	0	0.301888	11.76	0.80621994	0	0.80621994	0.16815507
339	8	0	1.398	2.968321	0	0	0	0.2687788	11.76	0.79782182	0	0.79782182	0.15159707
339	9	0	1.072	2.469486	0	0	0	0.2385669	11.76	0.58913767	0	0.58913767	0.08350512
339	10	0	0.506	1.902286	0	0	0	0.2417666	11.76	0.45990909	0	0.45990909	0.02757262
339	11	0	0.096	1.403271	0	0	0	0.239453	11.76	0.33601755	0	0.33601755	1.3416E-05
339	12	0	0	1.309807	0	0	0	0.2464478	11.76	0.32279907	0	0.32279907	1.466E-05
339	13	0	0	1.263128	0	0	0	0.2656847	11.76	0.33559373	0	0.33559373	1.3841E-05
339	14	0	0	1.192012	0	0	0	0.2538451	11.76	0.30258629	0	0.30258629	-0.0002411
339	15	0	0	1.246678	0	0	0	0.267249	11.76	0.33317348	0	0.33317348	-0.0002545
339	16	0	0.096	1.338403	0	0	0	0.3072434	11.76	0.41121542	0	0.41121542	1.1354E-05
339	17	0	0.096	1.579912	0	0	0	0.3214636	11.76	0.50788431	0	0.50788431	-0.0003096
339	18	0	0.096	1.941388	0	0	0	0.3170876	11.76	0.61559002	0	0.61559002	1.1E-05
339	19	0	0.145	2.077803	0	0	0	0.3210003	11.76	0.66697528	0	0.66697528	-0.01604
339	20	0	0.234	2.356946	0	0	0	0.3191333	11.76	0.7521802	0	0.7521802	0.01373186
339	21	0	0.454	2.521934	0	0	0	0.3230619	11.76	0.81474085	0	0.81474085	0.05428548
339	22	0	0.675	2.490688	0	0	0	0.3179294	11.76	0.79186296	0	0.79186296	0.10588327
339	23	0	0.881	2.274962	0	0	0	0.3166278	11.76	0.72031611	0	0.72031611	0.13362906
339	24	0	1.18	2.277863	0	0	0	0.3238801	11.76	0.73775448	0	0.73775448	0.17133961
340	1	0	1.269	1.926104	0	0	0	0.3252238	11.76	0.62641487	0	0.62641487	0.18700742
340	2	0	1.495	2.037898	0	0	0	0.3211932	11.76	0.6545591	0	0.6545591	0.20877746
340	3	0	1.594	2.061426	0	0	0	0.3131471	11.76	0.64552954	0	0.64552954	0.21043575
340	4	0	1.492	2.044648	0	0	0	0.3082094	11.76	0.63017982	0	0.63017982	0.19417285

340	5	0	1.622	2.222656	0	0	0	0.3155006	11.76	0.70124931	0	0.70124931	0.21454131
340	6	0	1.699	2.681053	0	0	0	0.3105039	11.76	0.83247767	0	0.83247767	0.21580156
340	7	0	1.675	2.909593	0	0	0	0.301888	11.76	0.87837121	0	0.87837121	0.20528727
340	8	0	1.605	3.175321	0	0	0	0.2687788	11.76	0.85345904	0	0.85345904	0.17041157
340	9	0	1.425	2.822485	0	0	0	0.2385669	11.76	0.67335173	0	0.67335173	0.12048305
340	10	0	0.978	2.374286	0	0	0	0.2417666	11.76	0.57402291	0	0.57402291	0.07157409
340	11	0	0.663	1.970271	0	0	0	0.239453	11.76	0.47178742	0	0.47178742	0.03210014
340	12	0	0.4	1.663807	0	0	0	0.2464478	11.76	0.4100416	0	0.4100416	-0.0051607
340	13	0	0.096	1.313128	0	0	0	0.2656847	11.76	0.34887799	0	0.34887799	1.3841E-05
340	14	0	0.096	1.243012	0	0	0	0.2538451	11.76	0.31553239	0	0.31553239	1.28E-05
340	15	0	0.096	1.297678	0	0	0	0.267249	11.76	0.34680318	0	0.34680318	1.2743E-05
340	16	0	0.096	1.340403	0	0	0	0.3072434	11.76	0.4118299	0	0.4118299	-0.0002959
340	17	0	0.556	2.041912	0	0	0	0.3214636	11.76	0.65640054	0	0.65640054	0.00354788
340	18	0	0.785	2.631388	0	0	0	0.3170876	11.76	0.83438045	0	0.83438045	0.07198993
340	19	0	0.84	2.772803	0	0	0	0.3210003	11.76	0.89007045	0	0.89007045	0.09791513
340	20	0	0.93	3.052946	0	0	0	0.3191333	11.76	0.97429696	0	0.97429696	0.12479028
340	21	0	1.129	3.196934	0	0	0	0.3230619	11.76	1.03280761	0	1.03280761	0.15863446
340	22	0	1.24	3.055688	0	0	0	0.3179294	11.76	0.97149306	0	0.97149306	0.17678146
340	23	0	1.39	2.783962	0	0	0	0.3166278	11.76	0.88147968	0	0.88147968	0.19062201
340	24	0	1.508	2.605863	0	0	0	0.3238801	11.76	0.84398709	0	0.84398709	0.21052911
341	1	0	1.57	2.227104	0	0	0	0.3252238	11.76	0.7243072	0	0.7243072	0.21042362
341	2	0	1.548	2.090898	0	0	0	0.3211932	11.76	0.67158233	0	0.67158233	0.20267484
341	3	0	1.465	1.932426	0	0	0	0.3131471	11.76	0.60513354	0	0.60513354	0.18507084
341	4	0	1.468	2.020648	0	0	0	0.3082094	11.76	0.62278274	0	0.62278274	0.16982438
341	5	0	1.461	2.061656	0	0	0	0.3155006	11.76	0.65045371	0	0.65045371	0.16690072
341	6	0	1.365	2.347054	0	0	0	0.3105039	11.76	0.72876939	0	0.72876939	0.14904316
341	7	0	1.147	2.381593	0	0	0	0.301888	11.76	0.71897429	0	0.71897429	0.12619265
341	8	0	1.099	2.669321	0	0	0	0.2687788	11.76	0.71745694	0	0.71745694	0.09434716
341	9	0	0.936	2.333486	0	0	0	0.2385669	11.76	0.55669253	0	0.55669253	0.06298837
341	10	0	0.655	2.051286	0	0	0	0.2417666	11.76	0.49593232	0	0.49593232	0.04425449
341	11	0	0.599	1.906271	0	0	0	0.239453	11.76	0.45646239	0	0.45646239	0.0318607
341	12	0	0.722	1.985807	0	0	0	0.2464478	11.76	0.4893978	0	0.4893978	0.03624248
341	13	0	0.838	2.055128	0	0	0	0.2656847	11.76	0.54601603	0	0.54601603	0.04544596
341	14	0	0.914	2.061012	0	0	0	0.2538451	11.76	0.52317767	0	0.52317767	0.04748181
341	15	0	0.935	2.136678	0	0	0	0.267249	11.76	0.57102511	0	0.57102511	0.05854031
341	16	0	1.035	2.279403	0	0	0	0.3072434	11.76	0.7003314	0	0.7003314	0.0909554
341	17	0	1.041	2.526912	0	0	0	0.3214636	11.76	0.81231037	0	0.81231037	0.11573875
341	18	0	1.01	2.856388	0	0	0	0.3170876	11.76	0.90572521	0	0.90572521	0.10686945
341	19	0	0.986	2.918803	0	0	0	0.3210003	11.76	0.93693646	0	0.93693646	0.10818723
341	20	0	0.79	2.912946	0	0	0	0.3191333	11.76	0.92961834	0	0.92961834	0.09894045
341	21	0	0.773	2.840934	0	0	0	0.3230619	11.76	0.91779759	0	0.91779759	0.09886803
341	22	0	0.9	2.715688	0	0	0	0.3179294	11.76	0.86339703	0	0.86339703	0.11764664
341	23	0	1.005	2.398962	0	0	0	0.3166278	11.76	0.75957798	0	0.75957798	0.13046279
341	24	0	1.061	2.158863	0	0	0	0.3238801	11.76	0.69921276	0	0.69921276	0.12923516
342	1	0	1.107	1.764104	0	0	0	0.3252238	11.76	0.5737286	0	0.5737286	0.12456452
342	2	0	1.146	1.688898	0	0	0	0.3211932	11.76	0.54246264	0	0.54246264	0.12847919
342	3	0	1.247	1.714426	0	0	0	0.3131471	11.76	0.53686748	0	0.53686748	0.12870441
342	4	0	1.292	1.844648	0	0	0	0.3082094	11.76	0.56853792	0	0.56853792	0.12914067
342	5	0	1.359	1.959656	0	0	0	0.3155006	11.76	0.61827265	0	0.61827265	0.1416607
342	6	0	1.258	2.240053	0	0	0	0.3105039	11.76	0.69554543	0	0.69554543	0.12575542
342	7	0	1.235	2.469593	0	0	0	0.301888	11.76	0.74554045	0	0.74554045	0.12256997
342	8	0	1.243	2.813321	0	0	0	0.2687788	11.76	0.75616111	0	0.75616111	0.1072485
342	9	0	1.289	2.686486	0	0	0	0.2385669	11.76	0.6409067	0	0.6409067	0.10187475
342	10	0	1.265	2.661286	0	0	0	0.2417666	11.76	0.64340991	0	0.64340991	0.09792664
342	11	0	0.969	2.276271	0	0	0	0.239453	11.76	0.54506004	0	0.54506004	0.06083447
342	12	0	0.673	1.936807	0	0	0	0.2464478	11.76	0.47732185	0	0.47732185	0.03082067
342	13	0	0.649	1.866128	0	0	0	0.2656847	11.76	0.49580162	0	0.49580162	0.02950483
342	14	0	0.611	1.758012	0	0	0	0.2538451	11.76	0.44626259	0	0.44626259	0.03250497
342	15	0	0.745	1.946678	0	0	0	0.267249	11.76	0.52024778	0	0.52024778	0.04197086
342	16	0	0.872	2.116403	0	0	0	0.3072434	11.76	0.65025077	0	0.65025077	0.06668317
342	17	0	0.871	2.356912	0	0	0	0.3214636	11.76	0.75766153	0	0.75766153	0.08745001
342	18	0	0.936	2.782388	0	0	0	0.3170876	11.76	0.88226069	0	0.88226069	0.10686953
342	19	0	0.95	2.882803	0	0	0	0.3210003	11.76	0.92538044	0	0.92538044	0.10529821
342	20	0	1.085	3.207947	0	0	0	0.3191333	11.76	1.0237627	0	1.0237627	0.12606679
342	21	0	1.089	3.156934	0	0	0	0.3230619	11.76	1.01988515	0	1.01988515	0.1418353
342	22	0	1.153	2.968688	0	0	0	0.3179294	11.76	0.94383324	0	0.94383324	0.14149128
342	23	0	1.264	2.657962	0	0	0	0.3166278	11.76	0.8415846	0	0.8415846	0.15041033
342	24	0	1.359	2.456863	0	0	0	0.3238801	11.76	0.79572898	0	0.79572898	0.1655098
343	1	0	1.651	2.308104	0	0	0	0.3252238	11.76	0.75065035	0	0.75065035	0.20001644
343	2	0	1.685	2.227898	0	0	0	0.3211932	11.76	0.71558583	0	0.71558583	0.1988205
343	3	0	1.728	2.196426	0	0	0	0.3131471	11.76	0.6878044	0	0.6878044	0.1985362
343	4	0	1.776	2.329648	0	0	0	0.3082094	11.76	0.71801953	0	0.71801953	0.20064522
343	5	0	1.693	2.294656	0	0	0	0.3155006	11.76	0.72396536	0	0.72396536	0.19624225
343	6	0	1.712	2.694053	0	0	0	0.3105039	11.76	0.83651422	0	0.83651422	0.19002967
343	7	0	1.576	2.810592	0	0	0	0.301888	11.76	0.84848423	0	0.84848423	0.16332485
343	8	0	1.482	3.052321	0	0	0	0.2687788	11.76	0.82039927	0	0.82039927	0.13385767
343	9	0	1.279	2.676486	0	0	0	0.2385669	11.76	0.63852098	0	0.63852098	0.09304779
343	10	0	0.897	2.293286	0	0	0	0.2417666	11.76	0.5544398	0	0.5544398	0.0464304
343	11	0	0.503	1.810271	0	0	0	0.239453	11.76	0.43347491	0	0.43347491	-0.0069307
343	12	0	0.394	1.657807	0	0	0	0.2464478	11.76	0.4085629	0	0.4085629	-0.0147722
343	13	0	0.414	1.631128	0	0	0	0.2656847	11.76	0.43336571	0	0.43336571	-0.0108792
343	14	0	0.564	1.711012	0	0	0	0.2538451	11.76	0.43433186	0	0.43433186	0.01016662
343	15	0	0.35	1.551678	0	0	0	0.267249	11.76	0.41468442	0	0.41468442	-0.0208326
343	16	0	0.594	1.838403	0	0	0	0.3072434	11.76	0.56483707	0	0.56483707	0.03196469
343	17	0	0.655	2.140912	0	0	0	0.3214636	11.76	0.68822544	0	0.68822544	0.05273185
343	18	0	0.758	2.604388	0	0	0	0.3170876	11.76	0.8258191	0	0.8258191	0.07833167
343	19	0	0.806	2.738803	0	0	0	0.3210003	11.76	0.87915646	0	0.87915646	0.08571708
343	20	0	0.811	2.933946	0	0	0	0.3191333	11.76	0.93632011	0	0.93632011	0.09383438
343	21	0	0.808	2.875934	0	0	0	0.3230619	11.76	0.92910479	0	0.92910479	0.1056523
343	22	0	0.864	2.679688	0	0	0	0.3179294	11.76	0.85195165	0	0.85195165	0.10938039
343	23	0	0.951	2.344962	0	0	0	0.3166278	11.76	0.74248011	0	0.74248011	0.10988189
343	24	0	1.054	2.151863	0	0	0	0.3238801	11.76	0.69694561	0	0.69694561	0.12502471
344	1	0	1.067	1.724104	0	0	0	0.3252238	11.76	0.56071966	0	0.56071966	0.13204467
344	2	0	1.094	1.636898	0	0	0	0.3211932	11.76	0.52576061	0	0.52576061	0.12847923
344	3	0	1.086	1.553426	0	0	0	0.3131471	11.76	0.48645079	0	0.48645079	0.11336019
344	4	0	1.099	1.651648	0	0	0	0.3082094	11.76	0.50905348	0	0.50905348	0.1152713
344	5	0	1.003	1.603656	0	0	0	0.3155006	11.76	0.50595447	0	0.50595447	0.10380059
344	6	0	0.948	1.930053	0	0	0	0.3105039	11.76	0.59928919	0	0.59928919	0.0937735
344	7	0	0.925	2.159593	0	0	0	0.301888	11.76	0.65195518	0	0.65195518	0.08845657
344	8	0	0.938	2.508321	0	0	0	0.2687788	11.76	0.67418355	0	0.67418355	0.07983313
344	9	0	0.844	2.241486	0	0	0	0.2385669	11.76	0.53474437	0	0.53474437	0.05821704
344	10	0	0.725	2.121286	0	0	0	0.2417666	11.76	0.51285597	0	0.51285597	0.05102398
344	11	0	0.635	1.942271	0	0	0	0.239453	11.76	0.4650827	0	0.4650827	0.03808648
344	12	0	0.513	1.776807	0	0	0	0.2464478	11.76	0.43789021	0	0.43789021	0.02046982
344	13	0	0.325	1.542128	0	0	0	0.2656847	11.76	0.40971978	0	0.40971978	0.00160793
344	14	0	0	1.193012	0	0	0	0.2538451	11.76	0.30284012	0	0.30284012	1.2831E-05
344	15	0	0	1.247678	0	0	0	0.267249	11.76	0.33344071	0	0.33344071	1.2775E-05
344	16	0	0	1.289403	0	0	0	0.3072434	11.76	0.39616049	0	0.39616049	1.1354E-05
344	17	0	0.096	1.580912	0	0	0	0.3214636	11.76	0.50820578	0	0.50820578	-0.0003096
344	18	0	0.096	1.942388	0	0	0	0.3170876	11.76	0.61590712	0	0.61590712	-0.0003061
344	19	0	0.227	2.159803	0	0	0	0.3210003	11.76	0.69329731	0	0.69329731	-0.0420409
344	20	0	0.35	2.472946	0	0	0	0.3191333	11.76	0.78919965	0	0.78919965	0.01373186
344	21	0	0.547	2.614934	0	0	0	0.3230619	11.76	0.84478558	0	0.84478558	0.05719306
344	22	0	0.746	2.561688	0	0	0	0.3179294	11.76	0.81443597	0	0.81443597	0.09761702
344	23	0	0.904	2.297962	0	0	0	0.3166278	11.76	0.72759863	0	0.72759863	0.12381348
344	24	0	0.991	2.088863	0	0	0	0.3238801	11.76	0.6765411	0	0.6765411	0.14024713
345	1	0	1.145	1.802104	0	0	0	0.3252238	11.76	0.5860871	0	0.5860871	0.16131482
345	2	0	1.217	1.759898	0	0	0	0.3211932	11.76	0.56526739	0	0.56526739	0.16027731

345	3	0	1.309	1.776426	0	0	0	0.3131471	11.76	0.55628262	0	0.55628262	0.16628203
345	4	0	1.446	1.998648	0	0	0	0.3082094	11.76	0.61600218	0	0.61600218	0.17968695
345	5	0	1.408	2.008656	0	0	0	0.3155006	11.76	0.63373219	0	0.63373219	0.17289517
345	6	0	1.215	2.197053	0	0	0	0.3105039	11.76	0.68219377	0	0.68219377	0.14935372
345	7	0	1.392	2.626593	0	0	0	0.301888	11.76	0.79293689	0	0.79293689	0.16000411
345	8	0	1.391	2.961321	0	0	0	0.2687788	11.76	0.79594038	0	0.79594038	0.13869572
345	9	0	1.375	2.772486	0	0	0	0.2385669	11.76	0.66142345	0	0.66142345	0.11714301
345	10	0	1.221	2.617286	0	0	0	0.2417666	11.76	0.6327722	0	0.6327722	0.09889369
345	11	0	1.039	2.346271	0	0	0	0.239453	11.76	0.56182173	0	0.56182173	0.07472282
345	12	0	0.735	1.998807	0	0	0	0.2464478	11.76	0.49260163	0	0.49260163	0.03574962
345	13	0	0.57	1.787128	0	0	0	0.2656847	11.76	0.47481253	0	0.47481253	0.03056755
345	14	0	0.276	1.423012	0	0	0	0.2538451	11.76	0.36122449	0	0.36122449	-0.0131871
345	15	0	0.218	1.419678	0	0	0	0.267249	11.76	0.37940756	0	0.37940756	-0.0325916
345	16	0	0.302	1.546403	0	0	0	0.3072434	11.76	0.47512203	0	0.47512203	-0.0116639
345	17	0	0.569	2.054912	0	0	0	0.3214636	11.76	0.66057957	0	0.66057957	0.03730156
345	18	0	0.722	2.568388	0	0	0	0.3170876	11.76	0.81440394	0	0.81440394	0.06533104
345	19	0	0.852	2.784803	0	0	0	0.3210003	11.76	0.89392248	0	0.89392248	0.1046561
345	20	0	0.93	3.052947	0	0	0	0.3191333	11.76	0.97429704	0	0.97429704	0.11681191
345	21	0	1.038	3.105934	0	0	0	0.3230619	11.76	1.00340895	0	1.00340895	0.14312761
345	22	0	1.089	2.904688	0	0	0	0.3179294	11.76	0.92348572	0	0.92348572	0.14848575
345	23	0	1.266	2.659962	0	0	0	0.3166278	11.76	0.84221789	0	0.84221789	0.16877469
345	24	0	1.347	2.444863	0	0	0	0.3238801	11.76	0.79184247	0	0.79184247	0.181056
346	1	0	1.408	2.065104	0	0	0	0.3252238	11.76	0.67162096	0	0.67162096	0.19188581
346	2	0	1.485	2.027898	0	0	0	0.3211932	11.76	0.65134717	0	0.65134717	0.18500912
346	3	0	1.566	2.033426	0	0	0	0.3131471	11.76	0.63676146	0	0.63676146	0.18569712
346	4	0	1.617	2.169648	0	0	0	0.3082094	11.76	0.66870599	0	0.66870599	0.18646758
346	5	0	1.684	2.285656	0	0	0	0.3155006	11.76	0.72112583	0	0.72112583	0.19403375
346	6	0	1.654	2.636054	0	0	0	0.3105039	11.76	0.81850504	0	0.81850504	0.19034015
346	7	0	1.546	2.780592	0	0	0	0.301888	11.76	0.83942759	0	0.83942759	0.17207962
346	8	0	1.547	3.117321	0	0	0	0.2687788	11.76	0.83786991	0	0.83786991	0.14890922
346	9	0	1.393	2.790486	0	0	0	0.2385669	11.76	0.66571763	0	0.66571763	0.10545328
346	10	0	1.104	2.500286	0	0	0	0.2417666	11.76	0.60448554	0	0.60448554	0.07568411
346	11	0	0.651	1.958271	0	0	0	0.239453	11.76	0.46891396	0	0.46891396	0.01677517
346	12	0	0.382	1.645807	0	0	0	0.2464478	11.76	0.40560553	0	0.40560553	-0.0142793
346	13	0	0.226	1.443128	0	0	0	0.2656847	11.76	0.383417	0	0.383417	-0.0345252
346	14	0	0.096	1.243012	0	0	0	0.2538451	11.76	0.31553239	0	0.31553239	1.28E-05
346	15	0	0.096	1.297678	0	0	0	0.267249	11.76	0.34680318	0	0.34680318	1.2743E-05
346	16	0	0.096	1.340403	0	0	0	0.3072434	11.76	0.4118299	0	0.4118299	-0.0002959
346	17	0	0.367	1.851912	0	0	0	0.3214636	11.76	0.59532244	0	0.59532244	-0.0199189
346	18	0	0.591	2.437388	0	0	0	0.3170876	11.76	0.77286545	0	0.77286545	0.03584191
346	19	0	0.608	2.540803	0	0	0	0.3210003	11.76	0.81559842	0	0.81559842	0.05586408
346	20	0	0.59	2.712946	0	0	0	0.3191333	11.76	0.86579166	0	0.86579166	0.08617513
346	21	0	0.779	2.846934	0	0	0	0.3230619	11.76	0.91973598	0	0.91973598	0.10016026
346	22	0	0.86	2.675688	0	0	0	0.3179294	11.76	0.85067987	0	0.85067987	0.11637494
346	23	0	1.037	2.430962	0	0	0	0.3166278	11.76	0.76971009	0	0.76971009	0.14281121
346	24	0	1.239	2.336863	0	0	0	0.3238801	11.76	0.75686341	0	0.75686341	0.16810081
347	1	0	1.462	2.119104	0	0	0	0.3252238	11.76	0.68918301	0	0.68918301	0.20034171
347	2	0	1.5	2.042898	0	0	0	0.3211932	11.76	0.65616502	0	0.65616502	0.19592982
347	3	0	1.583	2.050426	0	0	0	0.3131471	11.76	0.64208495	0	0.64208495	0.20198079
347	4	0	1.403	1.955648	0	0	0	0.3082094	11.76	0.60274918	0	0.60274918	0.18307731
347	5	0	1.396	1.996656	0	0	0	0.3155006	11.76	0.62994616	0	0.62994616	0.16879373
347	6	0	1.479	2.461053	0	0	0	0.3105039	11.76	0.76416679	0	0.76416679	0.17202049
347	7	0	1.444	2.678592	0	0	0	0.301888	11.76	0.80863501	0	0.80863501	0.16121171
347	8	0	1.518	3.088321	0	0	0	0.2687788	11.76	0.83007525	0	0.83007525	0.14541522
347	9	0	1.35	2.747486	0	0	0	0.2385669	11.76	0.65545926	0	0.65545926	0.11929018
347	10	0	0.68	2.076286	0	0	0	0.2417666	11.76	0.50197651	0	0.50197651	0.05102392
347	11	0	0.68	1.987271	0	0	0	0.239453	11.76	0.47585811	0	0.47585811	0.04574894
347	12	0	0.542	1.805807	0	0	0	0.2464478	11.76	0.44503718	0	0.44503718	0.03205293
347	13	0	0.501	1.718128	0	0	0	0.2656847	11.76	0.45648029	0	0.45648029	0.02365978
347	14	0	0.659	1.806012	0	0	0	0.2538451	11.76	0.45844715	0	0.45844715	0.03022038
347	15	0	0.809	2.010678	0	0	0	0.267249	11.76	0.53735175	0	0.53735175	0.04678131
347	16	0	0.914	2.158403	0	0	0	0.3072434	11.76	0.66315501	0	0.66315501	0.06238171
347	17	0	0.898	2.383912	0	0	0	0.3214636	11.76	0.76634111	0	0.76634111	0.08166355
347	18	0	0.727	2.573388	0	0	0	0.3170876	11.76	0.81598942	0	0.81598942	0.07135572
347	19	0	0.952	2.884803	0	0	0	0.3210003	11.76	0.92602247	0	0.92602247	0.09534716
347	20	0	0.946	3.068946	0	0	0	0.3191333	11.76	0.97940311	0	0.97940311	0.10532318
347	21	0	0.861	2.928934	0	0	0	0.3230619	11.76	0.94622706	0	0.94622706	0.10920603
347	22	0	0.817	2.632689	0	0	0	0.3179294	11.76	0.83700899	0	0.83700899	0.09666323
347	23	0	0.744	2.137962	0	0	0	0.3166278	11.76	0.67693815	0	0.67693815	0.08423508
347	24	0	0.794	1.891863	0	0	0	0.3238801	11.76	0.61273675	0	0.61273675	0.0848636
348	1	0	1.079	1.736104	0	0	0	0.3252238	11.76	0.56462233	0	0.56462233	0.10862851
348	2	0	1.112	1.654898	0	0	0	0.3211932	11.76	0.53154209	0	0.53154209	0.11241955
348	3	0	1.265	1.732426	0	0	0	0.3131471	11.76	0.54250413	0	0.54250413	0.12244143
348	4	0	1.054	1.606648	0	0	0	0.3082094	11.76	0.4951841	0	0.4951841	0.10479206
348	5	0	1.251	1.851656	0	0	0	0.3155006	11.76	0.58419858	0	0.58419858	0.13661268
348	6	0	1.093	2.075053	0	0	0	0.3105039	11.76	0.64431229	0	0.64431229	0.1120932
348	7	0	0.892	2.126593	0	0	0	0.301888	11.76	0.64199288	0	0.64199288	0.08513583
348	8	0	0.829	2.399321	0	0	0	0.2687788	11.76	0.64488666	0	0.64488666	0.07284487
348	9	0	0.72	2.117486	0	0	0	0.2385669	11.76	0.50516205	0	0.50516205	0.05225284
348	10	0	0.453	1.849286	0	0	0	0.2417666	11.76	0.44709547	0	0.44709547	0.03289145
348	11	0	0.397	1.704271	0	0	0	0.239453	11.76	0.40809291	0	0.40809291	0.02683215
348	12	0	0.284	1.547807	0	0	0	0.2464478	11.76	0.38145366	0	0.38145366	0.0239201
348	13	0	0.309	1.526128	0	0	0	0.2656847	11.76	0.40546881	0	0.40546881	0.03428719
348	14	0	0.418	1.565012	0	0	0	0.2538451	11.76	0.39727047	0	0.39727047	0.03631268
348	15	0	0.465	1.666678	0	0	0	0.267249	11.76	0.44541806	0	0.44541806	0.04491061
348	16	0	0.577	1.821403	0	0	0	0.3072434	11.76	0.55961395	0	0.55961395	0.06453248
348	17	0	0.608	2.093912	0	0	0	0.3214636	11.76	0.67311659	0	0.67311659	0.06880509
348	18	0	0.651	2.497388	0	0	0	0.3170876	11.76	0.79189069	0	0.79189069	0.07864874
348	19	0	0.705	2.637803	0	0	0	0.3210003	11.76	0.84673541	0	0.84673541	0.08924821
348	20	0	0.77	2.892946	0	0	0	0.3191333	11.76	0.92323568	0	0.92323568	0.10468489
348	21	0	0.853	2.920934	0	0	0	0.3230619	11.76	0.94364252	0	0.94364252	0.11534422
348	22	0	0.92	2.735688	0	0	0	0.3179294	11.76	0.86975569	0	0.86975569	0.12336933
348	23	0	1.05	2.443962	0	0	0	0.3166278	11.76	0.77382626	0	0.77382626	0.142178
348	24	0	1.123	2.220863	0	0	0	0.3238801	11.76	0.71929334	0	0.71929334	0.143162
349	1	0	1.305	1.962104	0	0	0	0.3252238	11.76	0.63812293	0	0.63812293	0.15838778
349	2	0	1.375	1.917898	0	0	0	0.3211932	11.76	0.61601591	0	0.61601591	0.16638
349	3	0	1.23	1.697426	0	0	0	0.3131471	11.76	0.531544	0	0.531544	0.16095854
349	4	0	1.339	1.891648	0	0	0	0.3082094	11.76	0.58302374	0	0.58302374	0.15009894
349	5	0	1.169	1.769656	0	0	0	0.3155006	11.76	0.55832753	0	0.55832753	0.13061815
349	6	0	1.129	2.111053	0	0	0	0.3105039	11.76	0.65549044	0	0.65549044	0.12948142
349	7	0	0.993	2.227592	0	0	0	0.301888	11.76	0.67248352	0	0.67248352	0.10324917
349	8	0	1.239	2.809321	0	0	0	0.2687788	11.76	0.75508601	0	0.75508601	0.11719337
349	9	0	0.838	2.235486	0	0	0	0.2385669	11.76	0.53331296	0	0.53331296	0.06632829
349	10	0	1.025	2.421286	0	0	0	0.2417666	11.76	0.58538593	0	0.58538593	0.08487132
349	11	0	0.777	2.084271	0	0	0	0.239453	11.76	0.49908508	0	0.49908508	0.05604541
349	12	0	0.698	1.961807	0	0	0	0.2464478	11.76	0.48348304	0	0.48348304	0.05472611
349	13	0	0.811	2.028128	0	0	0	0.2656847	11.76	0.53884256	0	0.53884256	0.07307713
349	14	0	0.921	2.068012	0	0	0	0.2538451	11.76	0.52495458	0	0.52495458	0.06601248
349	15	0	1.012	2.213678	0	0	0	0.267249	11.76	0.59160326	0	0.59160326	0.08098919
349	16	0	1.031	2.275403	0	0	0	0.3072434	11.76	0.69910244	0	0.69910244	0.09464234
349	17	0	1.081	2.566912	0	0	0	0.3214636	11.76	0.8251689	0	0.8251689	0.11027388
349	18	0	0.99	2.836388	0	0	0	0.3170876	11.76	0.89938346	0	0.89938346	0.10528406
349	19	0	0.967	2.899803	0	0	0	0.3210003	11.76	0.93083743	0	0.93083743	0.11011317
349	20	0	0.921	3.043947	0	0	0	0.3191333	11.76	0.97142482	0	0.97142482	0.1043657
349	21	0	0.914	2.981934	0	0	0	0.3230619	11.76	0.96334933	0	0.96334933	0.10629845
349	22	0	0.982	2.797688	0	0	0	0.3179294	11.76	0.88946732	0	0.88946732	0.12050795
349	23	0	0.979	2.372962	0	0	0	0.3166278	11.76	0.75134565	0	0.75134565	0.11051517
349	24	0	0.882	1.979863	0	0	0	0.3238801	11.76	0.64123818	0	0.64123818	0.09814268

350	1	0	0.877	1.534104	0	0	0	0.3252238	11.76	0.49892712	0	0.49892712	0.10440059
350	2	0	0.799	1.341898	0	0	0	0.3211932	11.76	0.43100863	0	0.43100863	0.08447573
350	3	0	0.738	1.205426	0	0	0	0.3131471	11.76	0.37747561	0	0.37747561	0.07640878
350	4	0	0.641	1.193648	0	0	0	0.3082094	11.76	0.36789358	0	0.36789358	0.07058087
350	5	0	0.616	1.216656	0	0	0	0.3155006	11.76	0.38385572	0	0.38385572	0.06530953
350	6	0	0.532	1.514053	0	0	0	0.3105039	11.76	0.47011958	0	0.47011958	0.05309743
350	7	0	0.513	1.747592	0	0	0	0.301888	11.76	0.52757725	0	0.52757725	0.05313578
350	8	0	0.533	2.103321	0	0	0	0.2687788	11.76	0.56532812	0	0.56532812	0.04650453
350	9	0	0.53	1.927486	0	0	0	0.2385669	11.76	0.45983435	0	0.45983435	0.043903
350	10	0	0.465	1.861286	0	0	0	0.2417666	11.76	0.44999666	0	0.44999666	0.03845211
350	11	0	0.453	1.760271	0	0	0	0.239453	11.76	0.42150227	0	0.42150227	0.03257904
350	12	0	0.388	1.651807	0	0	0	0.2464478	11.76	0.40708423	0	0.40708423	0.02490591
350	13	0	0.418	1.635128	0	0	0	0.2656847	11.76	0.43442844	0	0.43442844	0.02419117
350	14	0	0.433	1.580012	0	0	0	0.2538451	11.76	0.40107815	0	0.40107815	0.03123578
350	15	0	0.574	1.775678	0	0	0	0.267249	11.76	0.4745482	0	0.4745482	0.04517787
350	16	0	0.593	1.837403	0	0	0	0.3072434	11.76	0.56452985	0	0.56452985	0.05531518
350	17	0	0.715	2.200912	0	0	0	0.3214636	11.76	0.70751324	0	0.70751324	0.0755558
350	18	0	0.676	2.522388	0	0	0	0.3170876	11.76	0.79981791	0	0.79981791	0.07579493
350	19	0	0.665	2.597803	0	0	0	0.3210003	11.76	0.83389541	0	0.83389541	0.08122318
350	20	0	0.615	2.737947	0	0	0	0.3191333	11.76	0.87377002	0	0.87377002	0.06958018
350	21	0	0.633	2.700934	0	0	0	0.3230619	11.76	0.87256897	0	0.87256897	0.08271487
350	22	0	0.576	2.391688	0	0	0	0.3179294	11.76	0.76038796	0	0.76038796	0.07949508
350	23	0	0.624	2.017962	0	0	0	0.3166278	11.76	0.63894278	0	0.63894278	0.07631943
350	24	0	0.789	1.886863	0	0	0	0.3238801	11.76	0.61111735	0	0.61111735	0.10980237
351	1	0	0.741	1.398104	0	0	0	0.3252238	11.76	0.45469667	0	0.45469667	0.09009077
351	2	0	0.778	1.320898	0	0	0	0.3211932	11.76	0.42426356	0	0.42426356	0.09764466
351	3	0	0.87	1.337426	0	0	0	0.3131471	11.76	0.41881102	0	0.41881102	0.10803667
351	4	0	0.845	1.397648	0	0	0	0.3082094	11.76	0.4307683	0	0.4307683	0.09462122
351	5	0	0.919	1.519656	0	0	0	0.3155006	11.76	0.47945239	0	0.47945239	0.10569364
351	6	0	0.868	1.850053	0	0	0	0.3105039	11.76	0.57444889	0	0.57444889	0.09439447
351	7	0	0.785	2.019593	0	0	0	0.301888	11.76	0.60969082	0	0.60969082	0.0866453
351	8	0	0.791	2.361321	0	0	0	0.2687788	11.76	0.6346731	0	0.6346731	0.07687652
351	9	0	0.854	2.251486	0	0	0	0.2385669	11.76	0.53713004	0	0.53713004	0.06823686
351	10	0	0.875	2.271286	0	0	0	0.2417666	11.76	0.54912098	0	0.54912098	0.07616767
351	11	0	0.939	2.246271	0	0	0	0.239453	11.76	0.53787645	0	0.53787645	0.07999075
351	12	0	0.812	2.075807	0	0	0	0.2464478	11.76	0.51157809	0	0.51157809	0.06483047
351	13	0	1.073	2.290128	0	0	0	0.2656847	11.76	0.60845191	0	0.60845191	0.08954959
351	14	0	1.086	2.233012	0	0	0	0.2538451	11.76	0.566839	0	0.566839	0.08987395
351	15	0	1.105	2.306678	0	0	0	0.267249	11.76	0.61645747	0	0.61645747	0.10263639
351	16	0	1.163	2.407403	0	0	0	0.3072434	11.76	0.73965856	0	0.73965856	0.13827089
351	17	0	1.128	2.613912	0	0	0	0.3214636	11.76	0.84027775	0	0.84027775	0.12441825
351	18	0	1.071	2.917388	0	0	0	0.3170876	11.76	0.92506751	0	0.92506751	0.12430937
351	19	0	1.004	2.936803	0	0	0	0.3210003	11.76	0.9427145	0	0.9427145	0.12423723
351	20	0	1.016	3.138947	0	0	0	0.3191333	11.76	1.0017425	0	1.0017425	0.12957723
351	21	0	1.072	3.139934	0	0	0	0.3230619	11.76	1.01439311	0	1.01439311	0.15378857
351	22	0	1.107	2.922688	0	0	0	0.3179294	11.76	0.92920849	0	0.92920849	0.14530638
351	23	0	1.16	2.553962	0	0	0	0.3166278	11.76	0.80865528	0	0.80865528	0.1295129
351	24	0	1.25	2.347863	0	0	0	0.3238801	11.76	0.76042606	0	0.76042606	0.14316207
352	1	0	1.377	2.034104	0	0	0	0.3252238	11.76	0.66153898	0	0.66153898	0.15546083
352	2	0	1.464	2.006898	0	0	0	0.3211932	11.76	0.64460206	0	0.64460206	0.15802901
352	3	0	1.439	1.906426	0	0	0	0.3131471	11.76	0.59699174	0	0.59699174	0.15062472
352	4	0	1.589	2.141648	0	0	0	0.3082094	11.76	0.66007609	0	0.66007609	0.16612584
352	5	0	1.487	2.087656	0	0	0	0.3155006	11.76	0.65865673	0	0.65865673	0.15175666
352	6	0	1.392	2.374053	0	0	0	0.3105039	11.76	0.73715298	0	0.73715298	0.1462486
352	7	0	1.478	2.712592	0	0	0	0.301888	11.76	0.81889918	0	0.81889918	0.15185314
352	8	0	1.482	3.052321	0	0	0	0.2687788	11.76	0.82039927	0	0.82039927	0.12955713
352	9	0	1.509	2.906486	0	0	0	0.2385669	11.76	0.69339138	0	0.69339138	0.11666591
352	10	0	1.265	2.661286	0	0	0	0.2417666	11.76	0.64340991	0	0.64340991	0.08898135
352	11	0	1.209	2.516271	0	0	0	0.239453	11.76	0.60252876	0	0.60252876	0.08477981
352	12	0	0.938	2.201807	0	0	0	0.2464478	11.76	0.54263055	0	0.54263055	0.05620478
352	13	0	0.772	1.989128	0	0	0	0.2656847	11.76	0.52848085	0	0.52848085	0.03428719
352	14	0	0.554	1.701012	0	0	0	0.2538451	11.76	0.43179341	0	0.43179341	0.00737432
352	15	0	0.468	1.669678	0	0	0	0.267249	11.76	0.44621981	0	0.44621981	0.002418
352	16	0	0.676	1.920403	0	0	0	0.3072434	11.76	0.59003104	0	0.59003104	0.03595886
352	17	0	0.817	2.302912	0	0	0	0.3214636	11.76	0.74030252	0	0.74030252	0.06526894
352	18	0	0.849	2.695388	0	0	0	0.3170876	11.76	0.8546741	0	0.8546741	0.07547786
352	19	0	0.88	2.812803	0	0	0	0.3210003	11.76	0.90291044	0	0.90291044	0.09374212
352	20	0	0.984	3.106946	0	0	0	0.3191333	11.76	0.99153021	0	0.99153021	0.11011014
352	21	0	0.935	3.002934	0	0	0	0.3230619	11.76	0.97013368	0	0.97013368	0.11599022
352	22	0	1.032	2.847688	0	0	0	0.3179294	11.76	0.90536377	0	0.90536377	0.12368724
352	23	0	1.14	2.533962	0	0	0	0.3166278	11.76	0.80232273	0	0.80232273	0.13204589
352	24	0	1.261	2.358863	0	0	0	0.3238801	11.76	0.76398879	0	0.76398879	0.15352618
353	1	0	1.312	1.969104	0	0	0	0.3252238	11.76	0.64039945	0	0.64039945	0.14895632
353	2	0	1.426	1.968898	0	0	0	0.3211932	11.76	0.63239677	0	0.63239677	0.1599561
353	3	0	1.482	1.949426	0	0	0	0.3131471	11.76	0.61045706	0	0.61045706	0.17348445
353	4	0	1.476	2.028648	0	0	0	0.3082094	11.76	0.62524846	0	0.62524846	0.16057803
353	5	0	1.429	2.029656	0	0	0	0.3155006	11.76	0.64035767	0	0.64035767	0.15585817
353	6	0	1.418	2.400054	0	0	0	0.3105039	11.76	0.74522609	0	0.74522609	0.1509062
353	7	0	1.378	2.612592	0	0	0	0.301888	11.76	0.78871041	0	0.78871041	0.14158897
353	8	0	1.41	2.980321	0	0	0	0.2687788	11.76	0.80104719	0	0.80104719	0.13197622
353	9	0	1.381	2.778486	0	0	0	0.2385669	11.76	0.66285486	0	0.66285486	0.1092703
353	10	0	1.343	2.739286	0	0	0	0.2417666	11.76	0.66226772	0	0.66226772	0.09937725
353	11	0	1.273	2.580271	0	0	0	0.239453	11.76	0.61785373	0	0.61785373	0.09196339
353	12	0	1.226	2.489807	0	0	0	0.2464478	11.76	0.61360755	0	0.61360755	0.08775004
353	13	0	1.155	2.372128	0	0	0	0.2656847	11.76	0.63023806	0	0.63023806	0.08450157
353	14	0	1.193	2.340012	0	0	0	0.2538451	11.76	0.59400039	0	0.59400039	0.10104317
353	15	0	1.14	2.341678	0	0	0	0.267249	11.76	0.62581114	0	0.62581114	0.08793774
353	16	0	1.123	2.367403	0	0	0	0.3072434	11.76	0.72736884	0	0.72736884	0.10693207
353	17	0	1.094	2.579912	0	0	0	0.3214636	11.76	0.82934793	0	0.82934793	0.10352318
353	18	0	1.015	2.861388	0	0	0	0.3170876	11.76	0.90731061	0	0.90731061	0.0929177
353	19	0	0.967	2.899803	0	0	0	0.3210003	11.76	0.93083743	0	0.93083743	0.08668017
353	20	0	0.922	3.044946	0	0	0	0.3191333	11.76	0.97174393	0	0.97174393	0.08426031
353	21	0	0.908	2.975934	0	0	0	0.3230619	11.76	0.96141095	0	0.96141095	0.08497637
353	22	0	1.077	2.892688	0	0	0	0.3179294	11.76	0.91967054	0	0.91967054	0.10397568
353	23	0	1.199	2.592962	0	0	0	0.3166278	11.76	0.82100378	0	0.82100378	0.11779761
353	24	0	1.416	2.513863	0	0	0	0.3238801	11.76	0.81419012	0	0.81419012	0.14769645
354	1	0	1.536	2.193104	0	0	0	0.3252238	11.76	0.71324961	0	0.71324961	0.16879497
354	2	0	1.513	2.055898	0	0	0	0.3211932	11.76	0.66034054	0	0.66034054	0.16413162
354	3	0	1.592	2.059426	0	0	0	0.3131471	11.76	0.64490329	0	0.64490329	0.17097923
354	4	0	1.469	2.022648	0	0	0	0.3082094	11.76	0.62339926	0	0.62339926	0.14824959
354	5	0	1.408	2.008656	0	0	0	0.3155006	11.76	0.63373219	0	0.63373219	0.15144118
354	6	0	1.233	2.215053	0	0	0	0.3105039	11.76	0.6877828	0	0.6877828	0.14655916
354	7	0	1.25	2.484592	0	0	0	0.301888	11.76	0.75006873	0	0.75006873	0.1301172
354	8	0	1.25	2.820321	0	0	0	0.2687788	11.76	0.75804255	0	0.75804255	0.11343048
354	9	0	1.181	2.578485	0	0	0	0.2385669	11.76	0.61514141	0	0.61514141	0.09376355
354	10	0	1.174	2.570286	0	0	0	0.2417666	11.76	0.62140919	0	0.62140919	0.09599247
354	11	0	1.145	2.452271	0	0	0	0.239453	11.76	0.58720374	0	0.58720374	0.09268175
354	12	0	0.819	2.082807	0	0	0	0.2464478	11.76	0.51330327	0	0.51330327	0.05250803
354	13	0	0.832	2.049128	0	0	0	0.2656847	11.76	0.54442191	0	0.54442191	0.06404387
354	14	0	0.838	1.985012	0	0	0	0.2538451	11.76	0.50388542	0	0.50388542	0.05915871
354	15	0	0.88	2.081678	0	0	0	0.267249	11.76	0.5563264	0	0.5563264	0.07751501
354	16	0	0.774	2.018403	0	0	0	0.3072434	11.76	0.6201409	0	0.6201409	0.06791213
354	17	0	0.924	2.409912	0	0	0	0.3214636	11.76	0.77469909	0	0.77469909	0.09805831
354	18	0	0.921	2.767388	0	0	0	0.3170876	11.76	0.87750442	0	0.87750442	0.10306445
354	19	0	0.938	2.870803	0	0	0	0.3210003	11.76	0.92152849	0	0.92152849	0.1139652
354	20	0	0.969	3.091946	0	0	0	0.3191333	11.76	0.98674318	0	0.98674318	0.12159895
354	21	0	0.983	3.050934	0	0	0	0.3230619	11.76	0.9856406	0	0.9856406	0.12826661
354	22	0	1.015	2.830688	0	0	0	0.3179294	11.76	0.89995899	0	0.89995899	0.12114384

354	23	0	1.102	2.495962	0	0	0	0.3166278	11.76	0.79029092	0	0.79029092	0.12191378
354	24	0	1.26	2.357863	0	0	0	0.3238801	11.76	0.76366486	0	0.76366486	0.14445758
355	1	0	1.377	2.034104	0	0	0	0.3252238	11.76	0.66153898	0	0.66153898	0.15285899
355	2	0	1.446	1.988898	0	0	0	0.3211932	11.76	0.63882062	0	0.63882062	0.16059852
355	3	0	1.475	1.942426	0	0	0	0.3131471	11.76	0.60826504	0	0.60826504	0.15814023
355	4	0	1.545	2.097648	0	0	0	0.3082094	11.76	0.64651491	0	0.64651491	0.1682833
355	5	0	1.559	2.159656	0	0	0	0.3155006	11.76	0.68137278	0	0.68137278	0.17636572
355	6	0	1.579	2.561054	0	0	0	0.3105039	11.76	0.79521723	0	0.79521723	0.17233097
355	7	0	1.53	2.764593	0	0	0	0.301888	11.76	0.83459745	0	0.83459745	0.16151351
355	8	0	1.655	3.225321	0	0	0	0.2687788	11.76	0.86689797	0	0.86689797	0.15616636
355	9	0	1.378	2.775486	0	0	0	0.2385669	11.76	0.6621391	0	0.6621391	0.1016362
355	10	0	0.944	2.340286	0	0	0	0.2417666	11.76	0.56580287	0	0.56580287	0.05876047
355	11	0	0.761	2.068271	0	0	0	0.239453	11.76	0.49525382	0	0.49525382	0.0347341
355	12	0	0.381	1.644807	0	0	0	0.2464478	11.76	0.4053591	0	0.4053591	-0.0125542
355	13	0	0.31	1.527128	0	0	0	0.2656847	11.76	0.40573451	0	0.40573451	-0.0183184
355	14	0	0.32	1.467012	0	0	0	0.2538451	11.76	0.37239368	0	0.37239368	-0.0136948
355	15	0	0.44	1.641678	0	0	0	0.267249	11.76	0.43873684	0	0.43873684	0.00188351
355	16	0	0.514	1.758403	0	0	0	0.3072434	11.76	0.54025763	0	0.54025763	0.01690976
355	17	0	0.714	2.199912	0	0	0	0.3214636	11.76	0.70719179	0	0.70719179	0.06141135
355	18	0	0.89	2.736388	0	0	0	0.3170876	11.76	0.86767466	0	0.86767466	0.0945031
355	19	0	1.052	2.984803	0	0	0	0.3210003	11.76	0.95812247	0	0.95812247	0.13033625
355	20	0	1.075	3.197947	0	0	0	0.3191333	11.76	1.02057137	0	1.02057137	0.14521478
355	21	0	1.188	3.255934	0	0	0	0.3230619	11.76	1.05186827	0	1.05186827	0.166388
355	22	0	1.362	3.177688	0	0	0	0.3179294	11.76	1.01028044	0	1.01028044	0.18822692
355	23	0	1.491	2.884962	0	0	0	0.3166278	11.76	0.91345911	0	0.91345911	0.20708667
355	24	0	1.606	2.703863	0	0	0	0.3238801	11.76	0.87572735	0	0.87572735	0.22251266
356	1	0	1.782	2.439104	0	0	0	0.3252238	11.76	0.79325461	0	0.79325461	0.23774245
356	2	0	1.787	2.329898	0	0	0	0.3211932	11.76	0.74834746	0	0.74834746	0.23415172
356	3	0	1.843	2.311426	0	0	0	0.3131471	11.76	0.72381632	0	0.72381632	0.2304772
356	4	0	1.841	2.394648	0	0	0	0.3082094	11.76	0.73805316	0	0.73805316	0.21389814
356	5	0	1.815	2.416656	0	0	0	0.3155006	11.76	0.76245642	0	0.76245642	0.21422576
356	6	0	1.757	2.739053	0	0	0	0.3105039	11.76	0.85048692	0	0.85048692	0.20151837
356	7	0	1.762	2.996593	0	0	0	0.301888	11.76	0.90463543	0	0.90463543	0.20015526
356	8	0	1.792	3.362321	0	0	0	0.2687788	11.76	0.9037207	0	0.9037207	0.17336811
356	9	0	1.698	3.095486	0	0	0	0.2385669	11.76	0.73848056	0	0.73848056	0.14004543
356	10	0	1.642	3.038286	0	0	0	0.2417666	11.76	0.73455593	0	0.73455593	0.13322459
356	11	0	1.414	2.721271	0	0	0	0.239453	11.76	0.65161661	0	0.65161661	0.10824621
356	12	0	1.175	2.438807	0	0	0	0.2464478	11.76	0.60103868	0	0.60103868	0.0806031
356	13	0	1.124	2.341128	0	0	0	0.2656847	11.76	0.62200186	0	0.62200186	0.07892221
356	14	0	1.115	2.262012	0	0	0	0.2538451	11.76	0.57420052	0	0.57420052	0.0746432
356	15	0	1.098	2.299678	0	0	0	0.267249	11.76	0.61458673	0	0.61458673	0.07110099
356	16	0	1.01	2.254403	0	0	0	0.3072434	11.76	0.69265036	0	0.69265036	0.07590046
356	17	0	1.162	2.647912	0	0	0	0.3214636	11.76	0.85120749	0	0.85120749	0.1054519
356	18	0	1.041	2.887388	0	0	0	0.3170876	11.76	0.91555489	0	0.91555489	0.10147905
356	19	0	1.05	2.982803	0	0	0	0.3210003	11.76	0.95748051	0	0.95748051	0.1033722
356	20	0	1.045	3.167946	0	0	0	0.3191333	11.76	1.0109973	0	1.0109973	0.11170585
356	21	0	1.086	3.153934	0	0	0	0.3230619	11.76	1.01891595	0	1.01891595	0.15120411
356	22	0	1.285	3.100688	0	0	0	0.3179294	11.76	0.98579991	0	0.98579991	0.15579805
356	23	0	1.507	2.900962	0	0	0	0.3166278	11.76	0.91852517	0	0.91852517	0.18808902
356	24	0	1.515	2.612863	0	0	0	0.3238801	11.76	0.84625432	0	0.84625432	0.17198732
357	1	0	1.582	2.239104	0	0	0	0.3252238	11.76	0.72820991	0	0.72820991	0.18473086
357	2	0	1.555	2.097898	0	0	0	0.3211932	11.76	0.67383067	0	0.67383067	0.18211844
357	3	0	1.567	2.034426	0	0	0	0.3131471	11.76	0.63707458	0	0.63707458	0.17598959
357	4	0	1.473	2.026648	0	0	0	0.3082094	11.76	0.62463201	0	0.62463201	0.14979075
357	5	0	1.525	2.125656	0	0	0	0.3155006	11.76	0.67064571	0	0.67064571	0.16532325
357	6	0	1.408	2.390054	0	0	0	0.3105039	11.76	0.74212105	0	0.74212105	0.14283309
357	7	0	1.367	2.601593	0	0	0	0.301888	11.76	0.78538966	0	0.78538966	0.13102287
357	8	0	1.381	2.951321	0	0	0	0.2687788	11.76	0.79325259	0	0.79325259	0.11853729
357	9	0	1.357	2.754486	0	0	0	0.2385669	11.76	0.65712922	0	0.65712922	0.10044334
357	10	0	1.369	2.765286	0	0	0	0.2417666	11.76	0.66855365	0	0.66855365	0.10614668
357	11	0	1.314	2.621271	0	0	0	0.239453	11.76	0.62767133	0	0.62767133	0.09340006
357	12	0	1.279	2.542807	0	0	0	0.2464478	11.76	0.62666928	0	0.62666928	0.09440412
357	13	0	1.165	2.382128	0	0	0	0.2656847	11.76	0.63289491	0	0.63289491	0.08343884
357	14	0	1.043	2.190012	0	0	0	0.2538451	11.76	0.55592367	0	0.55592367	0.06956636
357	15	0	0.919	2.120678	0	0	0	0.267249	11.76	0.56674912	0	0.56674912	0.05960929
357	16	0	0.98	2.224403	0	0	0	0.3072434	11.76	0.68343307	0	0.68343307	0.07006282
357	17	0	1.069	2.554912	0	0	0	0.3214636	11.76	0.82131139	0	0.82131139	0.08841433
357	18	0	1.009	2.855388	0	0	0	0.3170876	11.76	0.90540814	0	0.90540814	0.08657588
357	19	0	0.977	2.909803	0	0	0	0.3210003	11.76	0.93404751	0	0.93404751	0.08860618
357	20	0	0.931	3.053946	0	0	0	0.3191333	11.76	0.97461615	0	0.97461615	0.08521772
357	21	0	0.921	2.988934	0	0	0	0.3230619	11.76	0.96561075	0	0.96561075	0.08820699
357	22	0	0.996	2.811688	0	0	0	0.3179294	11.76	0.89391831	0	0.89391831	0.09221224
357	23	0	1.101	2.494962	0	0	0	0.3166278	11.76	0.78997431	0	0.78997431	0.10418255
357	24	0	1.28	2.377863	0	0	0	0.3238801	11.76	0.77014245	0	0.77014245	0.13603669
358	1	0	1.267	1.924104	0	0	0	0.3252238	11.76	0.62576443	0	0.62576443	0.12554012
358	2	0	1.312	1.854898	0	0	0	0.3211932	11.76	0.59578071	0	0.59578071	0.13136991
358	3	0	1.329	1.796426	0	0	0	0.3131471	11.76	0.56254555	0	0.56254555	0.12870441
358	4	0	1.323	1.875648	0	0	0	0.3082094	11.76	0.57809238	0	0.57809238	0.12575039
358	5	0	1.313	1.913656	0	0	0	0.3155006	11.76	0.60375963	0	0.60375963	0.12557013
358	6	0	1.253	2.235054	0	0	0	0.3105039	11.76	0.69399295	0	0.69399295	0.11737176
358	7	0	1.255	2.489593	0	0	0	0.301888	11.76	0.75157821	0	0.75157821	0.12015489
358	8	0	1.324	2.894321	0	0	0	0.2687788	11.76	0.77793222	0	0.77793222	0.11477434
358	9	0	1.238	2.635486	0	0	0	0.2385669	11.76	0.62873976	0	0.62873976	0.08923071
358	10	0	1.074	2.470286	0	0	0	0.2417666	11.76	0.59723249	0	0.59723249	0.07084878
358	11	0	0.892	2.199271	0	0	0	0.239453	11.76	0.52662212	0	0.52662212	0.05197478
358	12	0	0.866	2.129807	0	0	0	0.2464478	11.76	0.5248863	0	0.5248863	0.04979713
358	13	0	0.725	1.942128	0	0	0	0.2656847	11.76	0.51599365	0	0.51599365	0.04252342
358	14	0	0.702	1.849012	0	0	0	0.2538451	11.76	0.46936248	0	0.46936248	0.032505
358	15	0	0.595	1.796678	0	0	0	0.267249	11.76	0.48016046	0	0.48016046	0.02353064
358	16	0	0.841	2.085403	0	0	0	0.3072434	11.76	0.64072626	0	0.64072626	0.06606865
358	17	0	1.049	2.534912	0	0	0	0.3214636	11.76	0.81488212	0	0.81488212	0.10191582
358	18	0	1.08	2.926388	0	0	0	0.3170876	11.76	0.92792132	0	0.92792132	0.11194294
358	19	0	1.105	3.037803	0	0	0	0.3210003	11.76	0.97513547	0	0.97513547	0.12552129
358	20	0	1.177	3.299947	0	0	0	0.3191333	11.76	1.05312297	0	1.05312297	0.14521478
358	21	0	1.173	3.240934	0	0	0	0.3230619	11.76	1.04702238	0	1.04702238	0.15055796
358	22	0	1.286	3.101688	0	0	0	0.3179294	11.76	0.98611782	0	0.98611782	0.17487395
358	23	0	1.404	2.797962	0	0	0	0.3166278	11.76	0.88591253	0	0.88591253	0.17225757
358	24	0	1.475	2.572863	0	0	0	0.3238801	11.76	0.83329913	0	0.83329913	0.17554997
359	1	0	1.671	2.328104	0	0	0	0.3252238	11.76	0.75715482	0	0.75715482	0.20131731
359	2	0	1.726	2.268898	0	0	0	0.3211932	11.76	0.72875471	0	0.72875471	0.21680732
359	3	0	1.723	2.191426	0	0	0	0.3131471	11.76	0.6862387	0	0.6862387	0.19446521
359	4	0	1.727	2.280648	0	0	0	0.3082094	11.76	0.70291726	0	0.70291726	0.19232358
359	5	0	1.728	2.329656	0	0	0	0.3155006	11.76	0.73500783	0	0.73500783	0.19214081
359	6	0	1.748	2.730053	0	0	0	0.3105039	11.76	0.84769237	0	0.84769237	0.19437671
359	7	0	1.756	2.990592	0	0	0	0.301888	11.76	0.90282409	0	0.90282409	0.18204192
359	8	0	1.83	3.400321	0	0	0	0.2687788	11.76	0.91393432	0	0.91393432	0.17094915
359	9	0	1.721	3.118485	0	0	0	0.2385669	11.76	0.74396755	0	0.74396755	0.13694417
359	10	0	1.686	3.082286	0	0	0	0.2417666	11.76	0.74519363	0	0.74519363	0.13564226
359	11	0	1.42	2.727271	0	0	0	0.239453	11.76	0.65305334	0	0.65305334	0.10345716
359	12	0	1.415	2.678807	0	0	0	0.2464478	11.76	0.66018611	0	0.66018611	0.10574084
359	13	0	1.01	2.227128	0	0	0	0.2656847	11.76	0.59171378	0	0.59171378	0.05554194
359	14	0	0.971	2.118012	0	0	0	0.2538451	11.76	0.53764682	0	0.53764682	0.0576356
359	15	0	1.011	2.212678	0	0	0	0.267249	11.76	0.59133603	0	0.59133603	0.06415258
359	16	0	1.167	2.411403	0	0	0	0.3072434	11.76	0.74088752	0	0.74088752	0.09402783
359	17	0	1.289	2.774912	0	0	0	0.3214636	11.76	0.8920334	0	0.8920334	0.11348852
359	18	0	1.326	3.172388	0	0	0	0.3170876	11.76	1.00592489	0	1.00592489	0.13065112
359	19	0	1.521	3.453803	0	0	0	0.3210003	11.76	1.10867155	0	1.10867155	0.16885625
359	20	0	1.396	3.518946	0	0	0	0.3191333	11.76	1.12301313	0	1.12301313	0.16404372

359	21	0	1.429	3.496934	0	0	0	0.3230619	11.76	1.12972624	0	1.12972624	0.17575681
359	22	0	1.465	3.280688	0	0	0	0.3179294	11.76	1.04302714	0	1.04302714	0.17328426
359	23	0	1.593	2.986962	0	0	0	0.3166278	11.76	0.94575515	0	0.94575515	0.17985669
359	24	0	1.754	2.851863	0	0	0	0.3238801	11.76	0.92366161	0	0.92366161	0.20923353
360	1	0	1.882	2.539104	0	0	0	0.3252238	11.76	0.82577703	0	0.82577703	0.22635959
360	2	0	1.884	2.426898	0	0	0	0.3211932	11.76	0.77950324	0	0.77950324	0.21744973
360	3	0	1.872	2.340426	0	0	0	0.3131471	11.76	0.7328976	0	0.7328976	0.20855693
360	4	0	1.967	2.520648	0	0	0	0.3082094	11.76	0.77688752	0	0.77688752	0.22406913
360	5	0	1.895	2.496656	0	0	0	0.3155006	11.76	0.78769644	0	0.78769644	0.20539178
360	6	0	1.845	2.827054	0	0	0	0.3105039	11.76	0.87781129	0	0.87781129	0.19561878
360	7	0	1.933	3.167593	0	0	0	0.301888	11.76	0.95625829	0	0.95625829	0.20921182
360	8	0	1.923	3.493321	0	0	0	0.2687788	11.76	0.93893073	0	0.93893073	0.1860007
360	9	0	1.967	3.364486	0	0	0	0.2385669	11.76	0.80265509	0	0.80265509	0.16795784
360	10	0	1.904	3.300286	0	0	0	0.2417666	11.76	0.79789879	0	0.79789879	0.161753
360	11	0	1.881	3.188271	0	0	0	0.239453	11.76	0.76344117	0	0.76344117	0.15302388
360	12	0	1.833	3.096807	0	0	0	0.2464478	11.76	0.76320135	0	0.76320135	0.14591175
360	13	0	1.798	3.015128	0	0	0	0.2656847	11.76	0.80107336	0	0.80107336	0.16128452
360	14	0	1.734	2.881012	0	0	0	0.2538451	11.76	0.73133061	0	0.73133061	0.15688903
360	15	0	1.589	2.790678	0	0	0	0.267249	11.76	0.74580599	0	0.74580599	0.13550799
360	16	0	1.536	2.780403	0	0	0	0.3072434	11.76	0.85426039	0	0.85426039	0.14595193
360	17	0	1.333	2.818912	0	0	0	0.3214636	11.76	0.90617777	0	0.90617777	0.14627781
360	18	0	1.223	3.069388	0	0	0	0.3170876	11.76	0.97326489	0	0.97326489	0.12684596
360	19	0	1.25	3.182803	0	0	0	0.3210003	11.76	1.02168051	0	1.02168051	0.14638625
360	20	0	1.158	3.280946	0	0	0	0.3191333	11.76	1.04705942	0	1.04705942	0.12351368
360	21	0	1.091	3.158934	0	0	0	0.3230619	11.76	1.02053122	0	1.02053122	0.10016034
360	22	0	1.124	2.939688	0	0	0	0.3179294	11.76	0.9346132	0	0.9346132	0.10079639
360	23	0	1.228	2.621962	0	0	0	0.3166278	11.76	0.830186	0	0.830186	0.11083185
360	24	0	1.477	2.574863	0	0	0	0.3238801	11.76	0.83394684	0	0.83394684	0.14866802
361	1	0	1.528	2.185104	0	0	0	0.3252238	11.76	0.71064778	0	0.71064778	0.15936354
361	2	0	1.5	2.042898	0	0	0	0.3211932	11.76	0.65616502	0	0.65616502	0.15578059
361	3	0	1.45	1.917426	0	0	0	0.3131471	11.76	0.60043634	0	0.60043634	0.14310921
361	4	0	1.382	1.934648	0	0	0	0.3082094	11.76	0.59627674	0	0.59627674	0.13684594
361	5	0	1.405	2.005656	0	0	0	0.3155006	11.76	0.63278568	0	0.63278568	0.13629712
361	6	0	1.328	2.310054	0	0	0	0.3105039	11.76	0.71728076	0	0.71728076	0.12296079
361	7	0	1.305	2.539593	0	0	0	0.301888	11.76	0.7666726	0	0.7666726	0.11804169
361	8	0	1.314	2.884321	0	0	0	0.2687788	11.76	0.77524437	0	0.77524437	0.10644229
361	9	0	1.32	2.717486	0	0	0	0.2385669	11.76	0.64830225	0	0.64830225	0.09137783
361	10	0	1.169	2.565286	0	0	0	0.2417666	11.76	0.62020033	0	0.62020033	0.0805195
361	11	0	0.898	2.205271	0	0	0	0.239453	11.76	0.52805885	0	0.52805885	0.04790403
361	12	0	0.768	2.031807	0	0	0	0.2464478	11.76	0.5007344	0	0.5007344	0.04018565
361	13	0	0.746	1.963128	0	0	0	0.2656847	11.76	0.52157304	0	0.52157304	0.03747536
361	14	0	0.769	1.916012	0	0	0	0.2538451	11.76	0.48637011	0	0.48637011	0.04215111
361	15	0	0.711	1.912678	0	0	0	0.267249	11.76	0.51116133	0	0.51116133	0.04303984
361	16	0	0.734	1.978403	0	0	0	0.3072434	11.76	0.60785118	0	0.60785118	0.06084553
361	17	0	0.869	2.354912	0	0	0	0.3214636	11.76	0.75701865	0	0.75701865	0.08102067
361	18	0	0.8	2.646388	0	0	0	0.3170876	11.76	0.8391368	0	0.8391368	0.06945318
361	19	0	0.85	2.782803	0	0	0	0.3210003	11.76	0.89328045	0	0.89328045	0.07993912
361	20	0	0.817	2.939946	0	0	0	0.3191333	11.76	0.93823492	0	0.93823492	0.07723943
361	21	0	0.811	2.878934	0	0	0	0.3230619	11.76	0.93007398	0	0.93007398	0.08271487
361	22	0	0.804	2.619688	0	0	0	0.3179294	11.76	0.83287583	0	0.83287583	0.08935093
361	23	0	0.874	2.267962	0	0	0	0.3166278	11.76	0.71809973	0	0.71809973	0.09120092
361	24	0	0.979	2.076863	0	0	0	0.3238801	11.76	0.67265459	0	0.67265459	0.11887098
362	1	0	1.199	1.856104	0	0	0	0.3252238	11.76	0.60364919	0	0.60364919	0.13334554
362	2	0	1.236	1.778898	0	0	0	0.3211932	11.76	0.57137004	0	0.57137004	0.13361833
362	3	0	0.976	1.443426	0	0	0	0.3131471	11.76	0.4520046	0	0.4520046	0.0986423
362	4	0	0.827	1.379648	0	0	0	0.3082094	11.76	0.42522057	0	0.42522057	0.08784059
362	5	0	0.778	1.378656	0	0	0	0.3155006	11.76	0.4349668	0	0.4349668	0.0855016
362	6	0	0.705	1.687053	0	0	0	0.3105039	11.76	0.52383675	0	0.52383675	0.07855876
362	7	0	0.648	1.882592	0	0	0	0.301888	11.76	0.56833214	0	0.56833214	0.06007921
362	8	0	0.66	2.230321	0	0	0	0.2687788	11.76	0.59946306	0	0.59946306	0.05833078
362	9	0	0.579	1.976486	0	0	0	0.2385669	11.76	0.47152413	0	0.47152413	0.04342585
362	10	0	0.574	1.970286	0	0	0	0.2417666	11.76	0.47634921	0	0.47634921	0.0457051
362	11	0	0.542	1.849271	0	0	0	0.239453	11.76	0.44281359	0	0.44281359	0.04167825
362	12	0	0.472	1.735807	0	0	0	0.2464478	11.76	0.42778585	0	0.42778585	0.03550316
362	13	0	0.42	1.637128	0	0	0	0.2656847	11.76	0.43495983	0	0.43495983	0.02764504
362	14	0	0.427	1.574012	0	0	0	0.2538451	11.76	0.3995551	0	0.3995551	0.03174343
362	15	0	0.382	1.583678	0	0	0	0.267249	11.76	0.42323641	0	0.42323641	0.02673765
362	16	0	0.323	1.567403	0	0	0	0.3072434	11.76	0.48157415	0	0.48157415	0.03012122
362	17	0	0.352	1.837912	0	0	0	0.3214636	11.76	0.59082193	0	0.59082193	0.03505137
362	18	0	0.336	2.182388	0	0	0	0.3170876	11.76	0.69200815	0	0.69200815	0.03869564
362	19	0	0.328	2.260803	0	0	0	0.3210003	11.76	0.72571828	0	0.72571828	0.04109814
362	20	0	0.297	2.419946	0	0	0	0.3191333	11.76	0.77228559	0	0.77228559	0.03670947
362	21	0	0.319	2.386934	0	0	0	0.3230619	11.76	0.7711275	0	0.7711275	0.04168606
362	22	0	0.346	2.161688	0	0	0	0.3179294	11.76	0.6872642	0	0.6872642	0.0419794
362	23	0	0.514	1.907962	0	0	0	0.3166278	11.76	0.60411375	0	0.60411375	0.06428754
362	24	0	0.579	1.676863	0	0	0	0.3238801	11.76	0.54310252	0	0.54310252	0.07482335
363	1	0	0.616	1.273104	0	0	0	0.3252238	11.76	0.4140437	0	0.4140437	0.07220348
363	2	0	0.581	1.123898	0	0	0	0.3211932	11.76	0.36098849	0	0.36098849	0.08062143
363	3	0	0.576	1.043426	0	0	0	0.3131471	11.76	0.3267458	0	0.3267458	0.07202474
363	4	0	0.569	1.121648	0	0	0	0.3082094	11.76	0.3457025	0	0.3457025	0.06749881
363	5	0	0.564	1.164656	0	0	0	0.3155006	11.76	0.36744968	0	0.36744968	0.06814905
363	6	0	0.508	1.490053	0	0	0	0.3105039	11.76	0.46266747	0	0.46266747	0.05464999
363	7	0	0.563	1.797593	0	0	0	0.301888	11.76	0.54267168	0	0.54267168	0.05223008
363	8	0	0.589	2.159321	0	0	0	0.2687788	11.76	0.58037974	0	0.58037974	0.05376155
363	9	0	0.54	1.937486	0	0	0	0.2385669	11.76	0.46222002	0	0.46222002	0.03889312
363	10	0	0.532	1.927286	0	0	0	0.2417666	11.76	0.46595325	0	0.46595325	0.03917741
363	11	0	0.46	1.767271	0	0	0	0.239453	11.76	0.42317844	0	0.42317844	0.04000208
363	12	0	0.262	1.525807	0	0	0	0.2464478	11.76	0.37603179	0	0.37603179	0.01085837
363	13	0	0.271	1.488128	0	0	0	0.2656847	11.76	0.3953728	0	0.3953728	0.01967451
363	14	0	0.191	1.338012	0	0	0	0.2538451	11.76	0.33964765	0	0.33964765	0.00762818
363	15	0	0.246	1.447678	0	0	0	0.267249	11.76	0.38689053	0	0.38689053	0.01310795
363	16	0	0.288	1.532403	0	0	0	0.3072434	11.76	0.4708206	0	0.4708206	0.02151841
363	17	0	0.408	1.893912	0	0	0	0.3214636	11.76	0.60882389	0	0.60882389	0.03376553
363	18	0	0.397	2.243388	0	0	0	0.3170876	11.76	0.71135045	0	0.71135045	0.03647612
363	19	0	0.384	2.316803	0	0	0	0.3210003	11.76	0.7436943	0	0.7436943	0.03788814
363	20	0	0.406	2.528946	0	0	0	0.3191333	11.76	0.80707112	0	0.80707112	0.04660257
363	21	0	0.377	2.444934	0	0	0	0.3230619	11.76	0.78986512	0	0.78986512	0.04427052
363	22	0	0.436	2.251688	0	0	0	0.3179294	11.76	0.71587789	0	0.71587789	0.04929178
363	23	0	0.507	1.900962	0	0	0	0.3166278	11.76	0.60189733	0	0.60189733	0.05478876
363	24	0	0.669	1.766863	0	0	0	0.3238801	11.76	0.57225174	0	0.57225174	0.075795
364	1	0	0.725	1.382104	0	0	0	0.3252238	11.76	0.44949312	0	0.44949312	0.07643136
364	2	0	0.826	1.368898	0	0	0	0.3211932	11.76	0.43968083	0	0.43968083	0.08768766
364	3	0	0.86	1.327426	0	0	0	0.3131471	11.76	0.41567956	0	0.41567956	0.08799528
364	4	0	1.037	1.589648	0	0	0	0.3082094	11.76	0.48994448	0	0.48994448	0.10602503
364	5	0	1.047	1.647656	0	0	0	0.3155006	11.76	0.51983647	0	0.51983647	0.11295012
364	6	0	1.157	2.139053	0	0	0	0.3105039	11.76	0.66418451	0	0.66418451	0.12637639
364	7	0	1.143	2.377593	0	0	0	0.301888	11.76	0.71776675	0	0.71776675	0.11894736
364	8	0	1.196	2.766321	0	0	0	0.2687788	11.76	0.74352846	0	0.74352846	0.11611827
364	9	0	1.157	2.554486	0	0	0	0.2385669	11.76	0.60941582	0	0.60941582	0.09113928
364	10	0	0.771	2.167286	0	0	0	0.2417666	11.76	0.52397723	0	0.52397723	0.04884806
364	11	0	0.318	1.625271	0	0	0	0.239453	11.76	0.38917612	0	0.38917612	0.00408414
364	12	0	0.096	1.359807	0	0	0	0.2464478	11.76	0.33512145	0	0.33512145	1.4689E-05
364	13	0	0.184	1.401128	0	0	0	0.2656847	11.76	0.37225823	0	0.37225823	-0.0233664
364	14	0	0.179	1.326012	0	0	0	0.2538451	11.76	0.33660151	0	0.33660151	-0.0076025
364	15	0	0.225	1.426678	0	0	0	0.267249	11.76	0.38127829	0	0.38127829	-0.0055995
364	16	0	0.192	1.436403	0	0	0	0.3072434	11.76	0.44132525	0	0.44132525	-0.0122784
364	17	0	0.542	2.027912	0	0	0	0.3214636	11.76	0.6519	0	0.6519	0.038909
364	18	0	0.63	2.476388	0	0	0	0.3170876	11.76	0.78523188	0	0.78523188	0.06501397

364	19	0	0.779	2.711803	0	0	0	0.3210003	11.76	0.87048939	0	0.87048939	0.10369325
364	20	0	0.615	2.737947	0	0	0	0.3191333	11.76	0.87377002	0	0.87377002	0.0829838
364	21	0	0.825	2.892934	0	0	0	0.3230619	11.76	0.93459683	0	0.93459683	0.11986699
364	22	0	0.891	2.706688	0	0	0	0.3179294	11.76	0.86053572	0	0.86053572	0.11923625
364	23	0	1.085	2.478962	0	0	0	0.3166278	11.76	0.78490826	0	0.78490826	0.14661069
364	24	0	1.166	2.263863	0	0	0	0.3238801	11.76	0.73322017	0	0.73322017	0.15417389
365	1	0	1.199	1.856104	0	0	0	0.3252238	11.76	0.60364919	0	0.60364919	0.15350943
365	2	0	1.301	1.843898	0	0	0	0.3211932	11.76	0.59224761	0	0.59224761	0.16284686
365	3	0	1.485	1.952426	0	0	0	0.3131471	11.76	0.61139651	0	0.61139651	0.17912106
365	4	0	1.441	1.993648	0	0	0	0.3082094	11.76	0.6144611	0	0.6144611	0.16181093
365	5	0	1.517	2.117656	0	0	0	0.3155006	11.76	0.66812174	0	0.66812174	0.18172922
365	6	0	1.447	2.429054	0	0	0	0.3105039	11.76	0.75423072	0	0.75423072	0.17139938
365	7	0	1.413	2.647593	0	0	0	0.301888	11.76	0.79927652	0	0.79927652	0.15638142
365	8	0	1.366	2.936321	0	0	0	0.2687788	11.76	0.78922088	0	0.78922088	0.12901961
365	9	0	1.351	2.748486	0	0	0	0.2385669	11.76	0.65569781	0	0.65569781	0.10998607
365	10	0	1.446	2.842286	0	0	0	0.2417666	11.76	0.68716965	0	0.68716965	0.12379569
365	11	0	1.295	2.602271	0	0	0	0.239453	11.76	0.62312171	0	0.62312171	0.09914697
365	12	0	0.992	2.255807	0	0	0	0.2464478	11.76	0.55593871	0	0.55593871	0.06828072
365	13	0	0.879	2.096128	0	0	0	0.2656847	11.76	0.55690908	0	0.55690908	0.06112136
365	14	0	0.827	1.974012	0	0	0	0.2538451	11.76	0.50109312	0	0.50109312	0.0525587
365	15	0	0.904	2.105678	0	0	0	0.267249	11.76	0.56274042	0	0.56274042	0.059342
365	16	0	0.925	2.169403	0	0	0	0.3072434	11.76	0.66653466	0	0.66653466	0.07313525
365	17	0	0.772	2.257912	0	0	0	0.3214636	11.76	0.72583664	0	0.72583664	0.06205431
365	18	0	0.708	2.554388	0	0	0	0.3170876	11.76	0.80996474	0	0.80996474	0.05518421
365	19	0	0.553	2.485803	0	0	0	0.3210003	11.76	0.79794331	0	0.79794331	0.05072822
365	20	0	0.534	2.656946	0	0	0	0.3191333	11.76	0.84792019	0	0.84792019	0.04660265
365	21	0	0.567	2.634934	0	0	0	0.3230619	11.76	0.85124682	0	0.85124682	0.04879344
365	22	0	0.597	2.412688	0	0	0	0.3179294	11.76	0.76706444	0	0.76706444	0.05088146
365	23	0	0.739	2.132962	0	0	0	0.3166278	11.76	0.67535498	0	0.67535498	0.06713721
365	24	0	0.805	1.902863	0	0	0	0.3238801	11.76	0.61629944	0	0.61629944	0.07644275