

$$\mu_1 = G_1(M, r, S_L, \xi_c, \alpha)$$

i	j	k	l	m	$0.1 \leq \xi_c < 0.2$	$0.2 \leq \xi_c < 0.3$	$0.3 \leq \xi_c < 0.4$	$0.4 \leq \xi_c < 0.5$	$0.5 \leq \xi_c < 0.6$	$0.6 \leq \xi_c < 0.7$	$0.7 \leq \xi_c < 0.8$	$0.8 \leq \xi_c \leq 0.9$
0	0	0	0	0	3.486434928	3.482460705	3.477392989	3.473520876	3.47314754	3.476406595	3.480974498	3.484351118
0	0	0	0	1	-0.118744494	0.03981065	0.23545536	0.383555534	0.40614519	0.302517066	0.153449528	0.043083186
0	0	0	0	2	-4.85920096	-5.092514202	-5.197073221	-4.876879099	-3.95561512	-2.595512564	-1.254868532	-0.356857358
0	0	0	1	0	-0.029565785	-0.009695583	0.00719559	0.016875896	0.01762262	0.012190044	0.005661698	0.001439818
0	0	0	1	1	1.289415737	0.496645704	-0.155495813	-0.525756816	-0.57093962	-0.398195004	-0.185228454	-0.047266112
0	0	0	1	2	6.825188988	7.991740761	8.340250825	7.539791318	5.697268	3.430375732	1.515165675	0.392664426
0	0	1	0	0	0.001058547	0.001097199	0.001153475	0.001204465	0.00122377	0.00120572	0.001170909	0.001143153
0	0	1	0	1	0.003418202	0.001869397	-0.000286034	-0.002184403	-0.00292726	-0.002367317	-0.001233113	-0.000328121
0	0	1	0	2	0.028383239	0.031929235	0.035470236	0.035771875	0.03049725	0.020578141	0.010056393	0.002806274
0	0	1	1	0	0.000421515	0.000228276	4.07E-05	-8.68E-05	-0.00012538	-9.53E-05	-4.55E-05	-1.08E-05
0	0	1	1	1	-0.017118023	-0.009374062	-0.002189322	0.002556834	0.00404249	0.003109024	0.001488368	0.000357101
0	0	1	1	2	-0.023967629	-0.041697552	-0.053500933	-0.054255052	-0.04370568	-0.027173603	-0.012142592	-0.003079262
0	0	2	0	0	-9.14E-06	-9.24E-06	-9.39E-06	-9.54E-06	-9.60E-06	-9.56E-06	-9.48E-06	-9.40E-06
0	0	2	0	1	-1.04E-05	-6.47E-06	-5.59E-07	4.89E-06	7.27E-06	6.05E-06	3.18E-06	7.88E-07
0	0	2	0	2	-6.11E-05	-7.17E-05	-8.41E-05	-8.82E-05	-7.71E-05	-5.26E-05	-2.58E-05	-7.03E-06
0	0	2	1	0	-1.19E-06	-7.00E-07	-1.85E-07	1.83E-07	3.10E-07	2.44E-07	1.17E-07	2.54E-08
0	0	2	1	1	4.78E-05	2.81E-05	8.41E-06	-5.22E-06	-9.98E-06	-7.95E-06	-3.83E-06	-8.50E-07
0	0	2	1	2	2.78E-05	8.10E-05	0.000122102	0.000132558	0.0001102	6.95E-05	3.12E-05	7.69E-06
0	1	0	0	0	0.042988274	0.043052667	0.042971392	0.04277037	0.04270271	0.042903557	0.043119634	0.042450675
0	1	0	0	1	0.008164921	0.004960998	0.008151881	0.015214341	0.01754082	0.011655222	0.004466512	0.022418842
0	1	0	0	2	-0.117999662	-0.127932788	-0.130152269	-0.129683369	-0.11081646	-0.067916704	-0.026821438	-0.069119311
0	1	0	1	0	0.000143781	-0.000174673	0.000103512	0.000606405	0.0007403	0.000417725	0.000116324	0.000956734
0	1	0	1	1	-0.008432223	0.007569645	-0.003102129	-0.020733828	-0.02539247	-0.015624582	-0.005453567	-0.027947248
0	1	0	1	2	0.144559577	0.194277062	0.20167246	0.200528513	0.16267962	0.091238944	0.032648806	0.085593837
0	1	1	0	0	-0.000349441	-0.000350184	-0.0003497	-0.000347777	-0.00034541	-0.000344756	-0.00034449	-0.000328018
0	1	1	0	1	0.000189642	0.000232114	0.000206206	0.000135536	5.45E-05	2.12E-05	1.40E-05	-0.000446056
0	1	1	0	2	-0.000483678	-0.000336624	-0.000516359	-0.000663568	-0.00054552	-0.000370083	-0.000213572	0.001256127
0	1	1	1	0	1.06E-05	1.42E-05	1.25E-05	7.67E-06	2.93E-06	1.76E-06	1.21E-06	-1.94E-05
0	1	1	1	1	-0.000297257	-0.000509155	-0.000422327	-0.000246095	-8.34E-05	-2.78E-05	-1.78E-05	0.000560182
0	1	1	1	2	0.000777615	4.28E-05	0.000640722	0.001009999	0.00077373	0.000481725	0.000255522	-0.001584567
0	1	2	0	0	-8.20E-06	-8.20E-06	-8.20E-06	-8.21E-06	-8.21E-06	-8.22E-06	-8.22E-06	-8.29E-06

0	1	2	0	1	-9.44E-07	-9.58E-07	-7.72E-07	-6.27E-07	-4.23E-07	-2.58E-07	-1.40E-07	1.94E-06
0	1	2	0	2	3.59E-06	1.77E-06	1.71E-06	2.88E-06	3.10E-06	2.40E-06	1.36E-06	-5.39E-06
0	1	2	1	0	-6.38E-08	-5.59E-08	-4.03E-08	-3.13E-08	-1.99E-08	-1.31E-08	-7.26E-09	8.51E-08
0	1	2	1	1	1.94E-06	2.01E-06	1.38E-06	1.03E-06	6.18E-07	3.39E-07	1.68E-07	-2.43E-06
0	1	2	1	2	-1.02E-05	-1.12E-06	-9.10E-07	-3.85E-06	-4.30E-06	-3.12E-06	-1.62E-06	6.80E-06
1	0	0	0	0	-0.040532832	-0.040739291	-0.040835965	-0.040790784	-0.0408231	-0.04108265	-0.04139889	-0.0416207
1	0	0	0	1	-0.039855075	-0.030953507	-0.026835125	-0.027992627	-0.02640244	-0.01708415	-0.006477546	0.000526942
1	0	0	0	2	0.12818359	0.122687795	0.127261056	0.136655745	0.12453161	0.080009031	0.032120658	0.001671701
1	0	0	1	0	-0.002454856	-0.001421702	-0.001096899	-0.00121013	-0.00114557	-0.000708699	-0.000254986	2.45E-05
1	0	0	1	1	0.097205197	0.052677132	0.038954311	0.04184992	0.03865945	0.023089562	0.007937525	-0.0008085
1	0	0	1	2	-0.194869399	-0.167379837	-0.182618353	-0.206104674	-0.18182882	-0.10761539	-0.039144208	-0.001065178
1	0	1	0	0	-2.64E-05	-2.14E-05	-1.98E-05	-2.13E-05	-2.25E-05	-2.10E-05	-1.82E-05	-1.54E-05
1	0	1	0	1	0.000415338	0.000200922	0.000130872	0.000174966	0.00020954	0.000149266	5.48E-05	-3.08E-05
1	0	1	0	2	-0.000251597	-9.22E-05	-0.000293704	-0.000627436	-0.00076103	-0.000522644	-0.000184901	9.14E-05
1	0	1	1	0	3.29E-05	7.87E-06	2.55E-06	6.24E-06	8.79E-06	6.22E-06	2.21E-06	-1.33E-06
1	0	1	1	1	-0.001429859	-0.000357537	-0.000124056	-0.000234237	-0.00030365	-0.000202509	-6.76E-05	3.99E-05
1	0	1	1	2	0.00013262	-0.0006647	7.15E-06	0.000841506	0.00110811	0.000710916	0.000227415	-0.000117037
1	0	2	0	0	6.41E-06	6.39E-06	6.39E-06	6.40E-06	6.41E-06	6.40E-06	6.39E-06	6.37E-06
1	0	2	0	1	-1.37E-06	-6.57E-07	-6.02E-07	-9.14E-07	-1.06E-06	-7.77E-07	-3.31E-07	1.03E-07
1	0	2	0	2	2.22E-06	2.34E-06	4.32E-06	6.13E-06	6.18E-06	4.25E-06	1.86E-06	-7.49E-08
1	0	2	1	0	-9.20E-08	-1.06E-08	-1.06E-08	-3.47E-08	-4.47E-08	-3.18E-08	-1.26E-08	4.92E-09
1	0	2	1	1	4.20E-06	6.25E-07	4.42E-07	1.22E-06	1.52E-06	1.04E-06	4.04E-07	-1.40E-07
1	0	2	1	2	2.95E-06	2.33E-06	-4.27E-06	-8.79E-06	-8.89E-06	-5.68E-06	-2.26E-06	1.59E-07
1	1	0	0	0	-0.157633619	-0.157807969	-0.15762644	-0.157136333	-0.15723255	-0.158179101	-0.159122924	-0.158660908
1	1	0	0	1	-0.069535949	-0.062082815	-0.068593318	-0.085150243	-0.08167422	-0.051602156	-0.020469162	-0.030751373
1	1	0	0	2	0.564393573	0.576113762	0.599042727	0.614373521	0.52273999	0.325368885	0.137482403	0.110901536
1	1	0	1	0	-0.002780699	-0.001916115	-0.002530782	-0.003763117	-0.00356445	-0.00200278	-0.000671613	-0.001257874
1	1	0	1	1	0.100314704	0.063140522	0.084824975	0.12626187	0.11921123	0.069105837	0.024936522	0.037758442
1	1	0	1	2	-0.773823471	-0.83251016	-0.908957775	-0.947301996	-0.76401529	-0.435080603	-0.16672944	-0.133740164
1	1	1	0	0	0.003021057	0.003023831	0.0030231	0.003017642	0.003015	0.003019637	0.003025075	0.003006872
1	1	1	0	1	0.000237934	0.000118858	0.000155065	0.000342826	0.00043008	0.000291671	0.000108566	0.000605632
1	1	1	0	2	-0.002714897	-0.002623442	-0.002405348	-0.002509851	-0.00233365	-0.00148494	-0.0005816	-0.001843792
1	1	1	1	0	1.03E-05	-3.43E-06	-8.37E-07	1.28E-05	1.82E-05	1.06E-05	2.91E-06	2.58E-05
1	1	1	1	1	-0.000452079	0.00014285	2.12E-05	-0.000446016	-0.00062254	-0.000391624	-0.000132365	-0.000752148
1	1	1	1	2	0.00468594	0.004229495	0.003503694	0.0037627	0.00341019	0.001997605	0.000709306	0.002286382

1	1	2	0	0	7.97E-07	7.93E-07	7.98E-07	8.11E-07	8.20E-07	8.12E-07	8.02E-07	8.90E-07
1	1	2	0	1	2.39E-08	2.73E-07	6.04E-08	-4.26E-07	-7.14E-07	-4.93E-07	-1.58E-07	-2.62E-06
1	1	2	0	2	3.77E-06	4.81E-06	4.61E-06	4.14E-06	3.47E-06	1.90E-06	4.73E-07	7.64E-06
1	1	2	1	0	1.70E-08	3.97E-08	2.23E-08	-1.20E-08	-2.91E-08	-1.61E-08	-2.59E-09	-1.14E-07
1	1	2	1	1	-2.24E-07	-1.47E-06	-7.56E-07	4.61E-07	1.04E-06	6.70E-07	1.93E-07	3.27E-06
1	1	2	1	2	-3.24E-06	-8.43E-06	-7.75E-06	-6.58E-06	-5.24E-06	-2.63E-06	-5.99E-07	-9.56E-06
2	0	0	0	0	0.22170547	0.221635072	0.221962339	0.222353367	0.22241821	0.222102014	0.221656132	0.221353409
2	0	0	0	1	-0.016254846	-0.012185021	-0.02318239	-0.036745734	-0.03928731	-0.029084562	-0.014378399	-0.004331749
2	0	0	0	2	0.20030818	0.254489393	0.336666799	0.379376542	0.33852321	0.230564611	0.111305012	0.032184934
2	0	0	1	0	0.00016521	0.000516719	-0.000574875	-0.001553094	-0.00168268	-0.001157244	-0.000520565	-0.000143936
2	0	0	1	1	7.26E-05	-0.020276131	0.016387762	0.050296296	0.0553734	0.038387953	0.017385068	0.004833094
2	0	0	1	2	0.085086259	-0.185827397	-0.459749229	-0.566522127	-0.48482259	-0.304913964	-0.134542029	-0.035638724
2	0	1	0	0	-0.000440863	-0.000440734	-0.000444047	-0.00044805	-0.00044899	-0.000446288	-0.000442281	-0.000439792
2	0	1	0	1	6.65E-05	5.58E-05	0.000172242	0.000313077	0.00034948	0.000263311	0.000131795	4.77E-05
2	0	1	0	2	-0.001986758	-0.002369912	-0.003042269	-0.003439894	-0.00309877	-0.002127243	-0.001033999	-0.000322922
2	0	1	1	0	-7.36E-06	-8.00E-06	3.05E-06	1.31E-05	1.50E-05	1.05E-05	4.75E-06	1.65E-06
2	0	1	1	1	0.000269025	0.0003226	-6.56E-05	-0.000417655	-0.00049061	-0.000347099	-0.000159275	-5.42E-05
2	0	1	1	2	-3.86E-05	0.001877196	0.004118556	0.005112624	0.00443022	0.002811184	0.001249508	0.000360816
2	0	2	0	0	-6.10E-07	-6.09E-07	-6.01E-07	-5.92E-07	-5.89E-07	-5.94E-07	-6.03E-07	-6.07E-07
2	0	2	0	1	5.81E-08	1.39E-08	-2.73E-07	-6.07E-07	-7.14E-07	-5.50E-07	-2.80E-07	-1.32E-07
2	0	2	0	2	4.52E-06	5.27E-06	6.54E-06	7.32E-06	6.61E-06	4.57E-06	2.24E-06	7.90E-07
2	0	2	1	0	3.05E-08	2.47E-08	-1.51E-09	-2.50E-08	-3.05E-08	-2.18E-08	-1.01E-08	-4.82E-09
2	0	2	1	1	-1.23E-06	-1.01E-06	-5.39E-08	7.83E-07	9.97E-07	7.24E-07	3.38E-07	1.53E-07
2	0	2	1	2	-9.35E-07	-4.68E-06	-8.89E-06	-1.09E-05	-9.44E-06	-6.03E-06	-2.70E-06	-8.94E-07
2	1	0	0	0	0.319081821	0.319129449	0.319411245	0.319457516	0.3194225	0.31951271	0.319603038	0.319426153
2	1	0	0	1	0.019394128	0.018978772	0.009016624	0.00670675	0.00743483	0.004992968	0.002199582	0.006703629
2	1	0	0	2	-0.017128414	0.03220248	0.069873877	0.04429322	0.00191757	-0.015987374	-0.014496229	-0.024170105
2	1	0	1	0	0.001522283	0.001289199	0.000352434	0.000237988	0.00030923	0.000161504	4.15E-05	0.000262522
2	1	0	1	1	-0.050161258	-0.048092304	-0.014906054	-0.009135168	-0.01057633	-0.006528258	-0.002613623	-0.008238149
2	1	0	1	2	0.212716042	-0.033888016	-0.159432597	-0.095487523	-0.01076936	0.01909431	0.017073223	0.0293488
2	1	1	0	0	-0.001890009	-0.001890489	-0.00189375	-0.001894574	-0.00189369	-0.00189354	-0.001893469	-0.001887332
2	1	1	0	1	-0.000108726	-0.000100872	1.16E-05	4.52E-05	1.91E-05	8.67E-06	4.95E-06	-0.000166595
2	1	1	0	2	-0.000312251	-0.000736173	-0.00129889	-0.001209084	-0.00071394	-0.000304077	-8.05E-05	0.00049194
2	1	1	1	0	-1.23E-05	-9.98E-06	8.72E-07	2.89E-06	1.07E-06	8.23E-07	6.50E-07	-7.07E-06
2	1	1	1	1	0.00041525	0.000376493	1.66E-06	-8.24E-05	-3.05E-05	-1.23E-05	-6.48E-06	0.000208784

2	1	1	1	2	-0.001675447	0.000444097	0.00231956	0.002096062	0.00110485	0.000421763	0.000100613	-0.000615343
2	1	2	0	0	2.57E-06	2.57E-06	2.58E-06	2.58E-06	2.58E-06	2.58E-06	2.58E-06	2.55E-06
2	1	2	0	1	1.32E-07	1.28E-07	-1.26E-07	-2.18E-07	-1.45E-07	-8.83E-08	-4.59E-08	7.86E-07
2	1	2	0	2	1.40E-06	2.04E-06	3.43E-06	3.52E-06	2.42E-06	1.28E-06	4.91E-07	-2.25E-06
2	1	2	1	0	2.10E-08	1.88E-08	-6.00E-09	-1.20E-08	-7.05E-09	-5.02E-09	-2.94E-09	3.40E-08
2	1	2	1	1	-7.36E-07	-7.16E-07	1.30E-07	3.62E-07	2.12E-07	1.18E-07	5.72E-08	-9.84E-07
2	1	2	1	2	2.21E-06	-9.87E-07	-5.59E-06	-5.83E-06	-3.64E-06	-1.73E-06	-5.98E-07	2.83E-06
3	0	0	0	0	-0.01947757	-0.019441659	-0.019465906	-0.019512499	-0.0195169	-0.019464562	-0.019394763	-0.01934763
3	0	0	0	1	0.005423758	0.003772719	0.004436679	0.005970568	0.00611488	0.004385192	0.002071309	0.000514787
3	0	0	0	2	-0.027834541	-0.032125488	-0.04312255	-0.050732199	-0.0465215	-0.031798988	-0.015085868	-0.00401806
3	0	0	1	0	0.000234897	5.54E-05	0.000136395	0.000252846	0.00026172	0.000174607	7.52E-05	1.63E-05
3	0	0	1	1	-0.010612888	-0.002358561	-0.004571771	-0.008407712	-0.00869618	-0.005814077	-0.002508921	-0.000564504
3	0	0	1	2	-0.002049527	0.019405196	0.056062631	0.075086627	0.06666484	0.04212921	0.018253746	0.004421389
3	0	1	0	0	8.77E-05	8.73E-05	8.76E-05	8.80E-05	8.81E-05	8.76E-05	8.70E-05	8.66E-05
3	0	1	0	1	-4.66E-05	-3.18E-05	-3.87E-05	-5.46E-05	-5.73E-05	-4.15E-05	-1.97E-05	-5.43E-06
3	0	1	0	2	0.00027762	0.000307714	0.000402957	0.000475683	0.0004398	0.000302326	0.000143914	4.00E-05
3	0	1	1	0	-1.95E-06	-3.11E-07	-1.10E-06	-2.29E-06	-2.45E-06	-1.65E-06	-7.14E-07	-1.78E-07
3	0	1	1	1	8.69E-05	1.34E-05	3.61E-05	7.58E-05	8.13E-05	5.50E-05	2.39E-05	6.04E-06
3	0	1	1	2	-5.15E-05	-0.000201995	-0.000519474	-0.000701293	-0.00062952	-0.000400404	-0.000174124	-4.42E-05
3	0	2	0	0	-8.48E-08	-8.40E-08	-8.46E-08	-8.58E-08	-8.60E-08	-8.50E-08	-8.34E-08	-8.25E-08
3	0	2	0	1	9.84E-08	6.67E-08	8.37E-08	1.23E-07	1.32E-07	9.65E-08	4.60E-08	1.47E-08
3	0	2	0	2	-6.70E-07	-7.30E-07	-9.35E-07	-1.10E-06	-1.02E-06	-7.06E-07	-3.37E-07	-9.97E-08
3	0	2	1	0	3.88E-09	3.14E-10	2.20E-09	5.13E-09	5.63E-09	3.83E-09	1.66E-09	5.02E-10
3	0	2	1	1	-1.73E-07	-1.37E-08	-7.07E-08	-1.69E-07	-1.87E-07	-1.28E-07	-5.57E-08	-1.66E-08
3	0	2	1	2	2.20E-07	5.18E-07	1.20E-06	1.62E-06	1.46E-06	9.35E-07	4.08E-07	1.11E-07
3	1	0	0	0	-0.036334786	-0.03633669	-0.036399011	-0.036431372	-0.03642626	-0.036413623	-0.036399217	-0.036401272
3	1	0	0	1	-0.001813957	-0.002002347	0.000181373	0.001398681	0.00130269	0.000816073	0.000307371	0.0003417
3	1	0	0	2	-0.0090751	-0.018102225	-0.028242056	-0.026727993	-0.01743809	-0.008171646	-0.002264774	-0.000988526
3	1	0	1	0	-0.000227682	-0.000218826	-1.13E-05	6.92E-05	5.90E-05	3.75E-05	1.63E-05	1.81E-05
3	1	0	1	1	0.007252481	0.008197176	0.000920746	-0.002124099	-0.00193629	-0.001118199	-0.000384575	-0.000417225
3	1	0	1	2	-0.029840965	0.015288229	0.049085576	0.045305147	0.02672587	0.01127938	0.002826912	0.001228257
3	1	1	0	0	0.000271303	0.000271296	0.000271953	0.000272328	0.00027226	0.000272067	0.00027185	0.000271536
3	1	1	0	1	1.27E-05	1.52E-05	-7.63E-06	-2.15E-05	-1.98E-05	-1.27E-05	-5.21E-06	4.01E-06
3	1	1	0	2	0.000127385	0.000202755	0.000316341	0.000318738	0.00022522	0.000117313	4.04E-05	-8.49E-06
3	1	1	1	0	2.05E-06	2.09E-06	-9.57E-08	-1.03E-06	-8.95E-07	-5.71E-07	-2.50E-07	1.51E-07

3	1	1	1	1	-6.59E-05	-7.82E-05	-2.22E-06	3.24E-05	2.91E-05	1.72E-05	6.43E-06	-5.12E-06
3	1	1	1	2	0.000234819	-0.000141986	-0.000520602	-0.000526578	-0.00033958	-0.000159673	-4.97E-05	1.15E-05
3	1	2	0	0	-5.16E-07	-5.16E-07	-5.18E-07	-5.19E-07	-5.19E-07	-5.18E-07	-5.18E-07	-5.16E-07
3	1	2	0	1	-2.21E-08	-3.00E-08	2.55E-08	6.19E-08	5.78E-08	3.75E-08	1.61E-08	-3.82E-08
3	1	2	0	2	-3.72E-07	-5.22E-07	-8.04E-07	-8.40E-07	-6.19E-07	-3.39E-07	-1.26E-07	9.86E-08
3	1	2	1	0	-4.43E-09	-4.88E-09	4.42E-10	2.94E-09	2.59E-09	1.67E-09	7.42E-10	-1.62E-09
3	1	2	1	1	1.44E-07	1.83E-07	-1.60E-09	-9.27E-08	-8.45E-08	-5.06E-08	-1.98E-08	4.81E-08
3	1	2	1	2	-4.12E-07	3.37E-07	1.28E-06	1.37E-06	9.26E-07	4.58E-07	1.54E-07	-1.27E-07