Appendix B. Parameter estimates for the ODE model.

|  |  |  |
| --- | --- | --- |
| Module | Outward regulated modules | Estimates (in the order of the modules presented in the previous column) |
| 1 | 4,5,15,25,36,49,54,59,  63,64,68,70,74,81,92 | 0.137679455, -4.15E-05, 0.060364465, 0.016483193, 0.056384499, -0.000160529, 0.025890422, -0.000210467, 0.019958864, -4.01E-06, 0.011744476, 8.35E-06, 0.030315025, 0.030840919, 0.009656423 |
| 2 | 7,19,20,23,25,29,36,42,  63,68,81,85,91,92,94 | 0.006802491, -0.013630744, -9.41E-06, 0.033734825, 0.03699278, 0.085597536, 0.0024359, 0.00062263, 0.016270922, 0.003106411, 0.000294805, -0.004721464, 0.026409614, 0.076314638, 0.001980056 |
| 3 | 5,8,11,19,49,54,59,64,  70,81,92 | -9.29E-05, -0.000102404, -0.000145515, 0.000197006, -0.000405325, 0.008610892, -0.000256693, -0.000523732, 5.04E-06, -0.00059317, -0.000481656 |
| 4 | 3,8,11,19,20,35,46,47,  49,50,53,57,59,64 | 3.16E-05, -0.000292174, -0.000156131, 6.33E-05, -1.69E-05, 2.72E-05, -3.16E-05, 4.69E-05, -0.000284288, 0.000122676, 4.23E-05, 0.000152769, -7.09E-05, -0.000332429 |
| 5 | 3,19,35,47,49,53,54,59,  70,78 | -3.36E-05, -0.000137163, -2.19E-05, -3.29E-05, 0.000205786, -3.18E-05, 8.93E-05, 0.000240518, 5.14E-05, -0.001617989 |
| 6 | 12,42,49,54,70,93 | 0.0014927, -0.000841839, -0.001377194, 0.000252319, 0.008726035, -0.000223249 |
| 7 | 19,49,59,64 | -0.000137253, 0.000191749, 0.000254487, 1.57E-05 |
| 8 | 3,5,8,11,12,14,19,20,24,  31,33,34,35,40,44,46,47,  49,50,53,54,57,59,64,65,  68,70,75,77,78,81,88,89,  91,92,94 | -4.73E-05, 0.00042991, 0.002483865, 0.000817131, -0.000593152, 0.001537503, -0.001930598, 6.48E-05, -0.002461206, -0.004605553, 0.001938618, 0.001330796, -3.46E-05, 0.00368251, -0.025636138, 9.72E-05, -9.48E-05, 0.000814801, -0.001719563, -8.00E-05, 5.73E-05, -0.00457052, 0.000234456, 0.005375551, 0.002794521, 0.001292074, -1.43E-05, -0.000692884, 0.002752506, -0.006895783, 0.00181819, 0.003229041, -0.005929392, 0.001676676, 0.000608358, 0.000921179 |
| 9 | 1,2,3,4,5,6,7,8,10,11,12,  13,14,15,16,17,18,19,20,  21,23,24,25,27,28,29,30,  31,32,33,34,35,36,37,38,  39,40,41,42,44,45,46,47,  49,50,51,52,53,54,55,56,  57,59,61,62,63,64,65,66,  67,68,69,70,71,73,74,75,  76,77,78,79,80,81,82,83,  85,86,87,88,89,90,91,92,  93,94,95 | 0.982576397, 0.004469551, 1.764585716, -0.429003524, -0.007489504, -0.642360296, 0.091715885, -0.023276905, 0.104231891, -0.703233062, 0.028838664, 1.428847488, -0.053853233, -0.458631744, -0.149533047, 0.295715065, 2.13368038, 0.074099213, -1.882032432, 1.537569982, -0.215122878, 0.053460672, -0.506528639, 1.928028015, 1.120469113, -0.116497853, -1.164210186, 2.239961887, -0.271930497, -0.019577615, -0.230753092, 2.150042142, -0.421002869, -1.625600213, -1.332038069, 0.030921134, -0.215861729, 2.052934342, 0.037311002, 1.42908015, -0.026875812, -0.533090981, 1.463895728, -0.017580618, 0.042527211, -0.719223123, -0.25019948, 1.598095857, -0.037060387, -0.130818199, -0.026609287, 0.09218147, 0.114693603, 0.731397691, 1.188004884, -0.442103947, -0.06336735, -0.092594845, 0.151674687, 0.007888131, -0.059277923, -0.346041078, 0.000365222, 0.004995832, -0.082863411, -0.64228879, 0.018408756, 0.165175783, -0.101206187, 1.546175608, 2.109620437, -0.16040185, -0.192850311, 0.318117342, 0.119851911, -0.666831734, 0.145012113, 1.192297121, -0.109293747, 0.108376285, 0.921892739, -0.067122883, -0.057410757, 0.405030573, -0.069397903, -0.757970304 |
| 10 | 3,8,11,12,14,19,24,33,34,  35,47,49,50,53,57,59,  64,65,67,68,70,71,75,81,  84,88,89,91,92 | 4.63E-05, -0.000473182, -0.000667837, 0.003489616, -0.00321914, 0.000346152, 0.002389822, -0.005090306, -0.003153311, 4.57E-05, 0.000119727, -0.00106516, 0.002067469, 9.97E-05, 0.006222143, -0.000725634, -0.00186549, -0.004117332, -0.00212127, -0.003169136, 0.000110863, 0.00168536, 0.001192141, -0.001187501, 0.008541396, -0.003566774, 0.001885332, -0.002986136, -0.001315441 |
| 11 | 3,35,45,46,47,49,53,54,59 | 9.92E-06, 1.38E-05, -0.000363769, -4.60E-05, 1.07E-05, -6.66E-05, 1.19E-05, -7.20E-05, -5.04E-05 |
| 12 | 5,7,8,11,12,14,19,20,24,32,  33,34,35,40,44,46,49,  50,57,59,64,65,68,70,71,  75,81,88,89,92,94 | -0.000596189, 0.020933744, -0.005370727, -0.001336612, 0.00631084, -0.004586891, 0.002884601, -4.84E-05, 0.003560751, -0.016337798, -0.00425327, -0.005788789, 3.82E-05, -0.005539301, 0.004456814, -0.000153282, -0.001571354, 0.003056617, 0.00945076, -0.00073663, -0.008245214, -0.005839078, -0.003722144, 7.08E-05, 0.00101051, 0.001877505, -0.00189319, -0.006470606, 0.003564271, -0.001775306, -0.001735869 |
| 13 | 3,7,11,16,19,20,24,32,35,  39,42,46,47,49,50,53,54,  55,57,58,59,64,65,66,68,  70,73,74,76,78,81,88,89,  93 | 0.000157876, 0.003986768, -0.001145983, -0.006639107, -0.007290389, -0.000114691, 0.001006589, -0.015621479, 0.000135843, 0.009552482, 0.003168265, -0.000371977, 0.000244988, -0.001208913, 0.000736591, 0.000214717, -0.002311204, -0.021354826, 0.001223339, -0.001644099, 0.010615219, -1.65E-06, -0.00105753, 0.015484685, -0.001062004, -0.009846872, -0.002543397, -0.004828536, 0.009434757, 0.00414116, -0.001186165, -0.000763556, 0.003657377, 0.076886285 |
| 14 | 2,5,8,11,12,14,16,19,23,  24,29,34,40,42,44,49,54,  57,58,59,64,65,67,68,70,  71,72,74,75,77,81,84,85,  86,88,89,91,92,93,94 | -0.009462792, 0.011585005, 0.024649934, 0.000548374, -0.014146294, 0.044503701, -0.000132746, -0.015440846, 0.03191466, -0.012257919, 0.018090747, 0.020186944, 0.008845294, 0.001014862, -0.006050177, 0.000554337, -0.000527428, -0.0055996, -0.0010979, 0.001734597, 0.087672698, 0.004757784, 0.000730763, 0.007670497, -0.02115388, -0.0017008, -0.01431963, -0.000335174, -0.001031673, 0.015368913, 0.001960482, -0.007143582, 0.00896727, -0.002865, 0.004999555, -0.014517901, 0.010671583, 0.001289392, 0.000267603, 0.034693658 |
| 15 | 3,5,6,8,11,12,14,15,19,20,  23,24,29,31,33,34,35,40,  44,46,47,48,49,50,53,57,  59,64,65,68,70,71,75,77,  78,81,84,88,89,91,92,94 | 6.78E-05, -0.011020376, -0.011409117, -0.009785933, -0.001751988, 0.015286085, -0.007680636, -0.005904778, 0.011105022, -6.26E-05, -0.012367243, 0.006268034, -0.014432849, 0.010144365, -0.00507279, -0.011955972, 4.93E-05, -0.019389499, 0.027516212, -0.000207733, 0.000127995, 0.011353236, -0.001440629, 0.002481385, 0.000109077, 0.017412802, -0.003315284, -0.021397906, -0.012763177, -0.008101797, 0.017957111, 0.001265929, 0.002510656, -0.015857245, 0.006715085, -0.007781061, 0.005182755, -0.010938541, 0.008148031, -0.006021431, -0.004303409, -0.014376765 |
| 16 | 3,5,8,11,12,14,19,24,33,  34,35,40,42,46,47,49,53,  54,57,59,64,65,68,70,71,  73,75,76,88,91,92,94 | 5.70E-05, -0.000184515, -0.002018479, -0.00063054, 0.003226358, -0.00081598, 0.002436535, 0.000377348, -0.001518009, -0.002191796, 2.90E-05, -0.000910082, 9.86E-05, -0.000160848, 0.000134886, -0.002972036, 0.000114221, -9.26E-05, 0.001365641, -0.000264583, -0.002136223, -0.000850657, -0.000548446, 0.014788487, 0.000143344, -0.000497164, 0.00046258, 0.001624347, -0.001202253, -0.002774312, -0.000967436, -0.000443677 |
| 17 | 1,2,3,4,5,6,7,8,10,11,12,  13,14,15,17,18,19,20,22,  23,24,25,26,27,28,29,30,  31,33,34,35,36,37,38,40,  41,42,44,46,47,48,49,50,  51,52,53,56,57,58,59,  60,62,63,64,65,66,  68,69,70,71,72,75,77,  78,79,80,81,82,  83,84,85,86,88,89,90,  91,92,94,95 | -0.055895416, -0.052142451, -0.057781025, 0.016763339, 0.00594133, 0.135619272, 0.00089131, 0.009662432, -0.01791653, 0.088291824, -0.010951722, -0.015661696, 0.076187108, 0.037697769, -0.028760211, -0.043197473, -0.02188335, 0.231006429, -0.065514184, 0.048770623, -0.026120715, 0.074347246, 0.035343181, -0.03700682, -0.0238042, 0.038278963, 0.08350066, -0.00862119, 0.00458912, 0.068871984, -0.018297813, 0.066154687, 0.221464497, 0.142608811, 0.087162114, -0.063643626, 0.00036953, -0.518043803, 0.119071926, -0.027883329, -0.012097112, 0.00142241, -0.003071691, 0.044024876, 0.174742932, -0.008693515, 0.174509741, -0.011513889, -0.001184779, 0.004945773, -0.022860686, -0.020505722, 0.062976342, 0.008545135, 0.056692896, 0.000901716, 0.0118815, 0.131920424, -0.008933546, -0.002773533, -0.016937859, -0.048857343, 0.046367869, -0.061162002, -0.253335175, 0.101581548, 0.012785735, -0.00907535, -0.028041113, -0.005321392, 0.050675753, -0.027445139, 0.008841571, -0.03571411, -0.144817789, 0.017075982, 0.020953674, 0.061505835, 0.233503433 |
| 18 | 5,8,11,14,24,34,42,50,54,  55,57,64,65,70,71,73,75,  84,88 | -0.000242871, -8.80E-05, -3.35E-05, -0.000548904, 0.000170116, -0.000473264, -0.000290151, 0.005262717, 0.000376144, 9.35E-05, 0.00123108, -0.000354889, -0.000502828, 4.40E-06, 0.000208883, 6.35E-05, 0.000137784, 0.002124579, -0.000545519 |
| 19 | 16,19,45,49,50,59 | 0.000416826, -0.000224435, 0.000183773, 0.000449718, -0.000521071, 0.000401637 |
| 20 | 2,3,5,6,8,10,11,12,14,15,  19,23,24,29,31,33,34,35,  40,44,45,46,47,48,49,50,  53,54,57,58,59,60,64,65,  68,70,71,72,75,77,78,  81,83,84,88,89,91,92,93,94 | 0.011901249, 3.30E-05, -0.002809687, -0.009986143, -0.003179156, 0.009355159, -0.000860938, 0.006517691, -0.004069126, -0.007053853, 0.008514415, -0.010812965, 0.003021045, -0.011407921, 0.003789049, -0.002466366, -0.005612737, 2.89E-05, -0.015201266, 0.007705365, -0.000495358, -0.000110859, 5.37E-05, 0.007456008, -0.001309364, 0.00172212, 4.82E-05, 6.81E-05, 0.011174222, 0.002424292, -0.002348666, 0.009101084, -0.004864561, -0.006419641, -0.005803866, 0.007704414, 0.003268246, 0.01264934, 0.014948, -0.010853972, 0.003497874, -0.008904152, 0.014741687, 0.00364931, -0.008176277, 0.004707277, -0.006656249, -0.002593079, -0.000286635, -0.011825945 |
| 21 | 5,7,8,11,12,14,16,19,20,24,  29,32,33,34,39,42,43,49,54,  55,57,58,59,64,65,66,67,70,  71,73,74,75,76,81,88,91,92,  93,94 | -0.00819701, -0.013226151, -0.047832973, -0.000113613, 0.013096146, -0.00076686, 0.004821663, 0.003572431, 7.53E-06, 0.000289761, -0.001378101, 0.017825969, -0.007761643, -0.001126759, -0.011970339, -0.000800128, -0.013485791, -0.001029772, 0.000424807, 0.000690849, 0.016757982, 0.000842319, -0.008050864, -0.027220325, -0.000596893, -0.003172442, -0.008365428, 0.026205162, 0.001246953, 0.000348315, 0.000538398, 0.00022284, -0.003677258, -8.43E-05, -0.000631836, -0.009548558, -0.000584649, -0.00342129, -0.001270656 |
| 22 | 1,2,3,4,5,6,7,8,9,10,11,12,  13,14,15,16,17,18,19,20,  21,22,23,24,26,27,28,29,  30,31,32,33,34,35,37,38,  39,40,41,42,43,44,45,  46,47,48,49,50,51,52,53,  54,55,56,57,59,60,61,62,  64,65,66,67,68,69,70,71,  72,73,74,75,76,77,78,  79,80,81,82,83,84,86,  87,88,89,90,91,92,93,  94,95 | 0.131852685, 0.139029996, 0.812994751, -0.021666019, -0.02775607, -0.218804997, 0.040333135, -0.04085326, -0.011203977, 0.139676306, -0.167850314, 0.022545251, 0.096818679, -0.029924273, -0.042221374, -0.091449189, 0.152353409, 0.456342041, 0.030761752, -0.616141763, 0.577345434, 0.098872296, -0.054420295, 0.06890192, -0.293170859, 0.29171365, 0.130112205, -0.046745526, -0.085381946, 0.652582733, -0.034918496, -0.014370334, -0.051226004, 0.589718416, -0.357978188, -0.384147319, 0.086337886, -0.173676609, 0.29155175, 0.004131992, 0.076283998, 1.062374048, -0.006564261, -0.124186666, 0.630533438, 0.096711323, -0.004995535, 0.00971954, -0.179454949, -0.235373871, 0.452692871, -0.001059441, -0.002756177, -0.149282942, 0.034292041, -0.002114717, 0.067531416, 0.115016723, 0.274656738, -0.084720456, -0.064343942, 0.032845603, 0.002511827, -0.020098369, -0.129972383, -0.090190786, 0.004836785, 0.145356571, -0.019633903, -0.001907418, 0.193874146, 0.021683128, -0.083254484, 0.952892227, 1.271360355, -0.25080692, -0.050713653, 0.083257805, 0.170134278, 0.029997581, 0.141601632, 0.081429028, -0.048748383, 0.10165526, 0.50338465, -0.019430329, -0.01992155, 0.04725836, -0.06361375, -0.394731824 |
| 23 | 3,7,16,19,32,35,39,42,46,  47,49,53,54,55,58,59,66,  68,71,73,74,76,91,93 | 3.85E-05, 0.004459252, -0.002731701, -0.000526629, -0.005892453, 2.90E-05, 0.002156383, 0.00057254, -5.03E-05, 8.30E-05, -0.000164992, 7.08E-05, -0.000403617, -0.000723088, -0.002409569, 0.009998886, 0.014167585, 0.000722244, -0.001674341, -0.000817169, -0.000870344, 0.004144414, 0.001056186, 0.025049112 |
| 24 | 59 | 3.51E-05 |
| 25 | 3,5,8,11,14,15,19,20,24,  33,34,35,40,44,46,47,49,  50,53,57,59,64,65,68,70,  75,77,78,81,84,88,89,92,  94 | 4.94E-05, -0.000378589, -0.000275685, -0.001144172, -0.003125488, -0.001466029, 0.000274226, -4.70E-05, 0.003598147, -0.001780638, -0.004072021, 3.04E-05, -0.007950248, 0.003687267, -0.000175512, 8.68E-05, -0.000720607, 0.001842119, 7.43E-05, 0.004270175, -0.000389031, -0.002516446, -0.007241427, -0.001183875, 4.58E-05, 0.001112647, -0.009697371, 0.007955885, -0.002366387, 0.003177026, -0.005687775, 0.00694357, -0.002274072, -0.003882532 |
| 26 | 5,8,11,12,14,19,24,33,34,  40,49,54,57,59,64,65,  68,70,71,75,77,88,92,94 | -0.00229254, -0.003239383, -5.16E-05, 0.007815179, -0.001021068, 4.19E-07, 0.000241814, -0.000927974, -0.002960473, -0.003312107, -0.001061082, 0.000142721, 0.000856785, -7.30E-05, -0.003080351, -0.000680786, -0.000778503, 0.020505445, 0.000260806, 0.000420993, -0.004397945, -0.001135988, -0.000656277, -0.000843904 |
| 27 | 5,7,8,11,12,14,16,19,24,  33,34,39,42,43,45,48,49,  50,54,55,57,58,59,60,64,  65,66,67,68,70,71,72,73,  74,75,76,81,84,88,89,91,  92,93 | -0.000237613, -0.000606501, -0.031155996, -0.000231801, 0.005064897, -0.001904647, 0.001696034, 0.002440595, 0.000580017, -0.027505573, -0.002363519, -0.002207586, -0.00102114, 0.000313565, 0.001145903, 0.035991887, -0.000253298, 0.007689277, 0.067523154, 0.000299989, 0.00429184, 0.004573699, -0.004358719, 0.103816846, -0.00290201, -0.001304912, -0.007200361, -0.000964098, -0.002450274, 7.19E-05, 0.007841205, 0.023218112, 0.000122063, 0.041573619, 0.000511732, -0.01190031, -0.000933005, 0.027014754, -0.0015318, 0.000388361, -0.001846371, -0.000671935, -0.013056405 |
| 28 | 3,5,8,11,12,14,15,19,20,  23,24,29,33,34,35,40,42,  46,47,49,50,53,54,57,59,  64,65,68,70,71,73,75,  77,78,81,88,89,91,92,94 | -0.000113256, 0.000479905, 0.000502001, 0.001356472, -0.002010502, 0.004037265, 0.004263712, -0.004203689, 3.54E-05, 0.003559489, -0.003533527, 0.000670124, 0.002906465, 0.004648369, -8.75E-05, 0.0059892, -0.000490501, 0.000248494, -0.000204275, 0.001459661, -0.002361404, -0.00017732, 0.000167142, -0.005805021, 0.00081917, 0.002032626, 0.007381233, 0.003846785, -8.47E-05, -0.000689521, 0.000199618, -0.001320525, 0.006777372, -0.004321756, 0.005411287, 0.007606822, -0.00585919, 0.003107723, 0.003217628, 0.006647561 |
| 30 | 1,2,3,4,5,6,8,10,11,12,13,  14,15,17,18,19,20,21,22,  23,24,25,26,27,28,29,30,  31,33,34,35,36,37,38,40,  41,44,45,46,47,49,50,51,  52,53,54,56,57,58,59,60,  61,62,63,64,65,68,69,70,  71,72,75,77,78,79,80,81,  82,83,84,85,86,87,88,89,  90,91,92,93,94,95 | 0.109225287, 0.049403233, 0.376820111, -0.059106102, -0.008492783, -0.16597638, -0.010506692, 0.060769394, -0.184360951, 0.012724545, 0.244447893, -0.011910616, -0.041017409, 0.08387852, 0.413496242, 0.01723138, -0.320575233, 0.378706635, 0.150678639, -0.030002665, 0.01064426, -0.104181919, -0.129494923, 0.22085633, 0.126591696, -0.020301398, -0.180541723, 0.203124068, -0.007914891, -0.017838028, 0.458960042, -0.060746488, -0.197500503, -0.183855485, -0.085976625, 0.199894111, 0.356037265, -0.00136201, -0.165796833, 0.318047022, -0.00340163, 0.006469425, -0.184470859, -0.122360458, 0.323728416, 9.25E-05, -0.099349725, 0.015727738, 0.002633098, -0.006169365, 0.016461708, 0.152669223, 0.208685935, -0.066812806, -0.025575829, -0.023913336, -0.012960062, -0.13561841, 0.000119026, 0.001936361, 0.031776544, 0.058204016, -0.025947377, 0.324675776, 0.349730032, -0.136884702, -0.030350127, 0.117990581, 0.071278358, 0.00956675, -0.088769341, 0.070412193, 0.204057938, -0.030290073, 0.019449035, 0.187321419, -0.010070777, -0.007478417, -0.000515585, -0.02505091, -0.16654171 |
| 31 | 5,8,11,14,16,19,24,33,34,  40,49,54,57,59,64,65,68,  75,81,84,88,89,91,92,93,  94 | -0.000393734, -0.000380505, -0.000689216, -0.003385342, 0.00043452, 0.0054529, 0.003558104, -0.002878786, -0.003929319, -0.006942749, -0.00052108, 3.21E-05, 0.005129986, -0.000669442, -0.002689762, -0.005248032, -0.003736645, 0.000837375, -0.003032989, 0.002894799, -0.005333463, 0.005732245, -0.004401199, -0.002275607, -0.002997401, -0.004163244 |
| 32 | 1,2,3,4,5,6,7,8,10,11,12,  13,14,15,17,18,19,20,21,  22,23,24,25,26,27,28,29,  30,31,33,34,35,36,37,38,  39,40,41,44,45,46,47,48,  49,50,51,52,53,56,57,58,  59,60,61,62,63,64,65,66,  67,68,69,70,71,72,75,77,  78,79,80,81,82,83,84,85,  86,87,88,89,90,91,92,93,  94,95 | 0.80474525, 0.525234701, 1.802627264, -0.117491344, -0.141948292, -0.586554933, -0.015549637, -0.307242934, 0.579594939, -0.579682122, 0.08205854, 0.672204706, -0.277593061, -0.130450922, 0.506640046, 1.758596256, 0.048886863, -1.386558879, 1.689100449, 0.218486908, -0.098472154, 0.344744882, -0.239518933, -0.46418603, 1.310037985, 0.637938478, -0.175552871, -0.580388799, 1.51164714, -0.110697248, -0.225517501, 2.200371204, -0.145736133, -1.082893283, -0.90787985, -0.003897656, -0.50711741, 1.29034655, 2.023431638, -0.026004455, -0.726942636, 1.687148303, 0.239203218, -0.009831824, 0.051941854, -0.930669936, -0.60812212, 1.438385448, -0.348455499, 0.142457295, 0.004911635, -0.007577413, 0.538035285, 0.592878088, 0.851863189, -0.147457924, -0.405703449, -0.225181236, -0.003081905, -0.054576112, -0.028025468, -0.657183637, 0.16463966, 0.012390225, 0.447040308, 0.622637694, -0.098367398, 1.999802427, 2.093262075, -0.389150574, -0.117269494, 0.510355557, 0.675732117, 0.082291889, -0.26080726, 0.486341266, 0.594343514, -0.043535169, 0.392993216, 0.830877058, -0.045195508, -0.051884607, -0.000494405, -0.215442045, -0.713687569 |
| 33 | 2,4,5,8,10,11,12,14,15,17,  19,23,24,29,31,32,33,34,  40,42,43,46,49,50,54,55,  57,58,59,60,64,65,68,70,  71,72,75,77,78,81,83,84,  86,88,89,91,92,93,94 | 0.044955335, -0.031675883, -0.008893227, -0.008517247, 0.046630774, -0.001355343, 0.014107146, -0.011180296, -0.023489535, 0.022347454, 0.01880985, -0.032457791, 0.008155014, -0.02896372, 0.029049462, 0.006475258, -0.006030787, -0.017287131, -0.027577768, -0.00219952, 0.000705837, -0.000587998, -0.004527133, 0.009583314, 0.000594492, 0.008509786, 0.032409189, 0.05072632, -0.011117074, 0.023829756, -0.013655471, -0.019890452, -0.005838325, 0.00020194, 0.013248119, 0.045633708, 0.029211068, -0.034822896, 0.025915189, -0.023291378, 0.04888536, 0.013169639, 0.041458614, -0.092959862, 0.01906474, -0.007012611, -0.006573968, -0.000884101, -0.025248882 |
| 34 | 3,5,8,10,11,12,14,15,19,20,  23,24,29,31,33,34,35,40,  44,46,47,49,50,53,54,57,  59,64,65,68,71,75,  77,78,81,84,86,88,89,  91,92,94 | -0.000255037, 0.011593365, 0.007702636, -0.020490419, 0.002703701, -0.003186543, 0.004464135, 0.007980355, -0.004355952, 0.000196407, 0.018233419, -0.004436151, 0.011059103, -0.025821175, 0.002611934, 0.005579664, -0.000184204, 0.015241599, -0.061389847, 0.000293189, -0.000474593, 0.001317598, -0.00499984, -0.000405828, 0.00037622, -0.007480489, 0.000300111, 0.01002001, 0.009786795, 0.00314421, -0.000843598, -0.001558283, 0.014338433, -0.014735733, 0.003030945, -0.004851904, -0.024669751, 0.006825467, -0.010594315, 0.00393986, 0.002394301, 0.002590542 |
| 35 | 5,8,11,14,19,20,24,33,34,  42,46,49,50,54,57,58,  59,64,65,68,70,71,73,  75,81,88,89,91,92 | 0.000210746, 0.000232646, 0.000602464, 0.001797096, -0.003580748, 8.74E-06, -0.00061783, 0.001921492, 0.00156299, 0.000193563, 3.57E-05, 0.000555321, -0.001622251, -0.000331916, -0.0034366, -0.000259518, 0.000467708, 0.000994618, 0.002130152, 0.002028292, -3.06E-05, -0.000309875, -0.00528519, -0.000442038, 0.001598603, 0.001952187, -0.001966569, 0.002532703, 0.000783421 |
| 36 | 3,7,20,35,47,49,53,54,  68,73,93 | 1.78E-05, 0.000862184, -1.08E-05, 1.99E-05, 3.95E-05, -0.000290438, 3.41E-05, -9.30E-05, 0.00060163, -0.000194031, 0.008991501 |
| 37 | 68 | 0.000349186 |
| 38 | 3,5,8,11,12,14,19,20,23,24,  29,33,34,35,40,44,46,47,  48,49,50,53,54,57,58,  59,64,65,68,70,71,  75,77,78,81,84,88,  89,91,92,94 | 3.11E-05, -0.000526036, -0.006079903, -0.001160836, 0.009263705, -0.005511276, 0.00771641, -2.07E-05, -0.01026494, 0.004805814, -0.011067194, -0.003670215, -0.008232472, 2.40E-05, -0.014103318, 0.006744445, -0.000188674, 4.97E-05, 0.008821866, -0.000808413, 0.002422466, 4.45E-05, 0.000102336, 0.007148702, 0.001216191, -0.002423801, -0.00895237, -0.006507145, -0.003799555, 0.012185817, 0.000949588, 0.002029997, -0.012040581, 0.005960335, -0.002766818, 0.004827472, -0.007789443, 0.005854302, -0.005784361, -0.003614641, -0.009511392 |
| 39 | 1,2,3,4,5,6,7,8,9,10,11,12,  13,14,15,16,17,18,19,20,  21,22,23,24,25,26,27,28,  29,30,31,32,33,34,35,36,  37,38,39,40,41,42,43,44,  45,46,47,48,49,50,51,52,  53,54,55,56,57,58,59,60,  61,62,63,64,65,66,67,68,  69,70,71,72,73,74,75,76,  77,78,79,80,81,82,83,84,  85,86,87,88,89,90,  91,92,93,94,95 | 2.096198685, 1.180948607, 3.570353584, -0.578688063, -0.192781449, -1.229715888, -0.054778362, -0.705770853, -0.003466918, 1.063847245, -1.276887047, 0.224261686, 0.788071183, -0.817149207, -0.215811144, 0.011121045, 1.210154216, 2.003202208, 0.31416385, -2.563495314, 4.236000295, 0.540518747, -0.634741896, 0.678735235, -0.720330986, -0.567948026, 3.054718745, 1.451292726, -0.562470408, -1.370006729, 3.755844694, 0.030957018, -0.359709603, -0.732180095, 3.241673518, -0.810635868, -1.802630944, -0.966667766, -0.106007285, -0.879220209, 1.73850501, -0.130705824, 0.005022005, 5.134759274, -0.001979557, -1.206800807, 2.493458303, 0.59655701, -0.029743532, 0.429089176, -2.884673133, -0.973540373, 1.713892442, 0.010094222, 0.043002499, -1.058991592, 0.59233698, 0.154634238, -0.275610622, 1.274436918, 0.758592167, 1.751401334, -0.674322001, -0.137137768, -0.589433101, -0.207525929, 0.062223939, -0.107712117, -1.383887137, 0.174904613, 0.20804759, 1.266062959, 0.00750013, 0.110913249, 1.121527781, -0.235582938, -0.314200342, 3.755349491, 4.433851506, -0.600928416, -0.238006135, 1.018663458, 1.605921626, 0.630302797, -0.763420467, 1.410945684, 1.035264699, -0.244454675, 1.147223029, 1.462556812, -0.522016546, -0.252056739, -0.431830554, -0.624017569, -1.408256773 |
| 40 | 3,5,8,11,12,14,19,20,24,33,  34,35,40,46,47,49,50,53,  57,59,64,65,68,70,71,75,  77,81,88,89,91,92,94 | -2.72E-05, 0.000509551, 0.000799683, 0.001548536, -0.005041084, 0.004770169, -0.006136076, 1.34E-05, -0.004200614, 0.004083447, 0.006377868, -2.18E-05, 0.010846587, 0.000160401, -7.65E-05, 0.001190207, -0.002443611, -6.45E-05, -0.007765862, 0.000796975, 0.006081914, 0.006419486, 0.004285913, -6.80E-05, -0.00085036, -0.001802816, 0.008496124, 0.003015563, 0.007084906, -0.005556904, 0.004741129, 0.003107835, 0.004662348 |
| 41 | 1,2,3,4,5,6,8,10,11,12,13,14,  15,17,19,20,21,22,23,  24,25,27,28,29,30,31,32,  33,34,35,36,40,42,43,44,  46,47,48,49,50,51,53,54,  57,58,59,60,61,62,63,64,  65,66,68,69,70,71,72,75,  77,78,79,81,82,83,  84,86,87,88,89,91,92,93,  94 | 0.234395072, 0.157126626, 0.057180833, -0.024454572, -0.010804468, -0.067391033, -0.021932591, 0.115901071, -0.085207645, 0.019843895, 0.082518913, -0.010431146, -0.014736887, 0.206147588, 0.018260717, -6.31E-05, 0.27888381, 0.091982451, -0.038722117, 0.086182429, -0.045751653, 0.179314048, 0.195998858, -0.031475501, -0.071804597, 0.150590478, 0.00256235, -0.009846161, -0.025054114, 0.00793362, -0.03820627, -0.0719045, -0.001501512, 0.054764966, 0.140656723, -0.085543983, 0.000168759, 0.068519398, -0.028659864, 0.028861807, -0.116812015, 0.000143026, 0.000424838, 0.037361151, 0.009780099, -0.00915308, 0.077886306, 0.152695143, 0.110968634, -0.051145749, -0.027479359, -0.027248071, -0.002352146, -0.012601091, -0.062101878, 0.023387301, 0.065434707, 0.148393867, 0.058533647, -0.038974238, 0.021746392, 0.111221588, -0.020691938, 0.076704655, 0.201421293, 0.118804724, 0.18398213, 0.08734827, -0.052294831, 0.165103926, -0.015879566, -0.006240769, -0.001003105, -0.034287324 |
| 42 | 4,5,7,9,14,16,19,23,29,32,  36,39,42,49,50,54,  58,59,63,66,68,71,81,84,  91,92,94 | -0.17645387, 0.00348673, -0.11157665, -0.011981193, -0.057742436, -0.073714404, 0.06390692, -0.169511675, -0.089948221, 0.077428121, -0.115464687, -0.018364435, -0.00356329, -0.024215032, 0.377469298, 0.000396542, 0.011776993, -0.029053401, -0.030790747, -0.022938447, -0.02305333, 0.008795795, -0.011868808, 0.073896987, -0.14734149, -0.033667615, -0.110356918 |
| 43 | 2,6,8,10,12,17,19,20,29,33,  40,49,  59,64,68,70,75,81,83,86,94 | -0.008915051, 0.016971498, 0.001176857, -0.005693451, -0.001224783, -0.008321381, -3.04E-05, 0.042182325, 0.001710819, 0.00018161, 0.004178221, 1.37E-05, 5.25E-05, 1.84E-06, 0.001253576, -0.005699315, -0.005801252, 0.002224697, -0.008233076, -0.00111983, 0.001955911 |
| 44 | 3,5,9,19,20,32,35,42,  49,50,54,55,57,  58,66,70,71,73,74,76,84,93 | 2.62E-06, -2.86E-05, 0.000485965, 5.43E-05, -2.40E-05, -0.009508767, 4.26E-06, 0.002439955, -0.000187936, -0.001461419, -0.000142428, -0.04623274, 0.00047705, -0.031752866, 0.000692721, -5.16E-06, -0.020218652, -0.000121889, -0.000216471, 0.000372411, -0.009792296, 0.000158032 |
| 45 | 3,5,8,11,12,14,19,24,29,  33,34,35,40,44,45,46,47,  49,53,57,59,64,65,68,70,  71,75,77,81,88,89,91,92 | 1.90E-05, -0.004882947, -0.00610476, -0.000920639, 0.012562239, -0.003267856, 0.004257362, 0.003692059, -0.004693381, -0.003101042, -0.007569235, 2.20E-05, -0.012624063, 0.004903508, 0.023980134, -0.000136635, 4.94E-05, -0.000565972, 4.27E-05, 0.005291772, -0.000407152, -0.008478536, -0.004901623, -0.003892365, 0.018721881, 0.000535609, 0.001574714, -0.009266834, -0.001147411, -0.0082759, 0.003162787, -0.001970753, -0.00237139 |
| 46 | 19,49,50,59,64,71 | 0.000147463, -0.000460099, 0.001832719, -0.000219117, -2.07E-06, 0.000263776 |
| 47 | 16,32,42,43,49,54,55,58,  59,66,71,73,74,76,93 | 0.000666836, 0.00148777, -0.000883843, 0.000201274, 5.91E-05, 0.00144487, 0.000741952, 0.002158262, 4.61E-05, -1.00E-05, 0.011587464, 0.000445837, 0.060609385, -0.000788803, -8.34E-05 |
| 48 |  | 2.54E-05 |
| 49 | 1,2,3,4,5,6,7,8,9,10,11,12,  13,14,15,16,17,18,19,20,  21,22,23,24,25,26,27,28,  29,30,31,32,33,34,35,36,  37,38,39,40,41,42,44,46,  47,48,49,50,51,52,53,54,  55,56,57,58,59,60,61,62,  63,64,65,66,67,68,69,70,  71,72,73,74,75,76,77,78,  79,80,81,82,83,84,85,  86,87,88,89,90,91,92,93,  94,95 | 2.118903219, 1.351673282, 4.419417423, -0.462627637, -0.220721807, -1.165971183, -0.036958244, -0.626539803, 0.036989089, 1.51362927, -1.304874601, 0.38723268, 1.705221478, -0.644553217, -0.348754388, 0.100500284, 1.398099741, 3.367094439, 0.273564229, -2.576375467, 4.582419515, 0.864737582, -0.580509004, 0.998403675, -0.70059194, -0.634905136, 3.481160809, 1.847205195, -0.359965342, -1.331434209, 4.227141157, 0.016151207, -0.338538837, -0.604089352, 4.126106562, -0.575269591, -1.799954019, -1.191199719, -0.045576548, -1.014900705, 3.107852141, -0.028961649, 4.799972918, -1.367332439, 3.726059047, 0.936632117, -0.18873374, 0.794197299, -2.447803412, -1.025214296, 2.915762305, 0.053539551, 0.007996485, -0.866976299, 0.429747437, 0.2659745, -0.113270913, 1.615109162, 1.56762068, 2.355771048, -0.511891644, -0.448488548, -0.545131357, -0.037888424, -0.006922665, -0.207869419, -1.239368693, 0.322935236, 0.254632387, 1.487600858, 0.117482667, 0.002539622, 1.477366226, -0.008726875, -0.332124671, 4.678141832, 5.42721605, -0.807992653, -0.149983877, 1.456000342, 1.817863918, 0.667992071, -0.742064753, 1.486413771, 1.749858312, -0.168527702, 1.336466419, 2.344201522, -0.349540507, -0.444001409, -0.008513427, -0.436882163, -1.320585172 |
| 50 | 2,5,7,8,11,12,13,14,16,19,  20,22,24,29,32,33,34,39,  40,41,42,48,49,51,54,55,  57,58,59,60,64,65,66,68,  69,70,71,72,73,75,77,81,  82,83,88,89,91,92,93,94 | 0.034276459, -0.027016514, -0.008827169, -0.026233095, -0.000414611, 0.012786268, 0.002612088, -0.060692878, 0.001255111, 0.022313622, 4.66E-05, 0.031650801, 0.046526794, -0.020658135, 0.011282414, -0.002330288, -0.054137912, -0.007943694, -0.053874592, 0.175280521, -0.005161537, 0.018653651, -0.000353418, -0.06491489, 0.001888066, 0.002778006, 0.029688005, 0.004222972, -0.0137526, 0.052135585, -0.001185865, -0.011566315, -0.007095342, -0.005224877, -0.008162258, 0.000106875, 0.008664526, 0.009717253, 0.001205773, 0.021873361, -0.012779096, -0.00202219, 0.048572566, 0.018723772, -0.002861373, 0.011248531, -0.016836651, -0.006386866, -0.002635586, -0.036726983 |
| 51 | 5,8,12,20,44,49,54,64,70 | 3.33E-05, 0.001780127, -0.00280947, 4.86E-06, -0.005068543, 8.85E-05, 6.03E-05, 0.0015418, -0.00437571 |
| 52 | 3,5,8,11,12,14,19,20,24,  33,34,35,46,47,49,50,53,  57,59,64,65,68,70,71,75,  81,84,88,89,91,92,94 | 3.23E-05, -0.000354589, -0.000375425, -0.001087048, 0.001846538, -0.003460482, 0.005106643, -2.43E-05, 0.002606964, -0.002523121, -0.002686767, 2.57E-05, -0.00013925, 7.37E-05, -0.00082056, 0.003359135, 6.11E-05, 0.005101655, -0.000471496, -0.00230422, -0.004304881, -0.004776341, 1.24E-05, 0.00028317, 0.00100658, -0.002763931, 0.009834123, -0.004221548, 0.004812609, -0.003971791, -0.002088069, -0.003136919 |
| 53 | 8,12,34,35,39,42,43,  46,50,54,55,58,59,  64,66,70,71,73,  74,75,76,84,93 | 0.002928542, -0.002971596, 0.000865918, -6.41E-06, -0.00159575, -0.00486199, 0.000235756, 9.82E-06, 0.00180799, 2.58E-05, 0.007293081, 0.00387434, -0.000909976, 0.00200679, -3.62E-05, -0.005727166, 0.005814147, 0.00016049, 0.000591568, -2.36E-05, -0.001227171, 0.000608664, -0.001274447 |
| 54 | 19,49,59,64 | -0.000164761, 0.00016123, 0.000258545, 3.65E-06 |
| 55 | 1,2,3,4,5,6,8,10,11,12,13,  14,15,17,18,19,20,21,22,  23,24,25,26,27,28,29,30,  31,33,34,35,36,37,38,39,  40,41,42,44,46,47,48,49,  50,51,52,53,54,55,56,57,  58,59,60,61,62,63,64,65,  66,68,69,70,71,72,75,77,  78,79,80,81,82,83,84,85,  86,87,88,89,90,91,92,93,  94,95 | 0.260812259, 0.271612995, 0.51391289, -0.034435863, -0.043206523, -0.163003805, -0.096934432, 0.200672245, -0.207802768, 0.047339193, 0.208523512, -0.072887441, -0.054212103, 0.265871696, 0.447751459, 0.02159396, -0.419993675, 0.342190262, 0.09949447, -0.05350092, 0.260377514, -0.027581846, -0.098427409, 0.371691283, 0.21908264, -0.051814238, -0.104365595, 0.479463302, -0.043406967, -0.114522715, 0.586986327, -0.031012914, -0.240301595, -0.202853258, -0.005016694, -0.140658749, 0.36505767, -0.002588438, 1.354079519, -0.174456152, 0.443765405, 0.195977339, -0.005007455, 0.034556296, -0.338340741, -0.108449923, 0.31114144, 0.000167393, 0.001209969, -0.069858246, 0.048650401, 0.010045737, -0.006857476, 0.305689154, 0.206019066, 0.181912248, -0.044295664, -0.049006346, -0.064744274, -0.00485804, -0.013747374, -0.197256242, 0.086030122, 0.037406833, 0.313708522, 0.307112635, -0.05343784, 0.638442817, 0.688546823, -0.093411358, -0.027556174, 0.074106647, 0.297966346, 0.085470119, -0.057265059, 0.257819061, 0.112430658, -0.07313362, 0.245062667, 0.252120514, -0.016386536, -0.008794929, -0.001605081, -0.055400411, -0.10638786 |
| 56 | 5,8,11,12,14,19,23,24,29,  33,34,40,46,49,50,54,  57,58,59,64,65,68,70,71,  75,77,81,84,88,89,91,  92,93,94 | 0.004611786, 0.004512529, 0.001067492, -0.008071377, 0.004332418, -0.006241527, 0.003949934, -0.002955282, 0.006327755, 0.003103529, 0.005738824, 0.007073637, 0.000128374, 0.000898776, -0.001690683, -4.61E-05, -0.005568082, -0.002146957, 0.002993218, 0.005963386, 0.004679804, 0.004843331, -0.011125963, -0.004092835, -0.001512151, 0.006422199, 0.002078916, -0.00601778, 0.005276743, -0.003436027, 0.006144001, 0.002721692, 0.000457183, 0.006981622 |
| 57 | 1,2,3,4,5,6,7,8,9,10,11,12,  13,14,15,16,17,18,19,20,  21,22,23,24,25,26,27,28,  29,30,31,32,33,34,35,36,  37,38,40,41,42,43,44,45,  46,47,48,49,50,51,52,53,  54,55,56,57,58,59,60,61,  62,63,64,65,66,67,68,69,  70,71,72,73,74,75,76,77,  78,79,80,81,82,83,84,  85,86,87,88,89,  90,91,92,94,95 | -0.573949415, -0.222593398, -0.911068943, 0.585972909, -0.001753823, 0.074395641, 0.0496691, -0.004044469, 0.008737105, -0.692744523, 0.218260483, 0.009328335, -0.323782443, 0.23493037, 0.096578425, 0.107074979, -0.266192068, -0.949792795, -0.272522458, -0.000622463, -1.154880753, -0.191744295, 0.613322445, -0.16273277, 0.287382831, 0.00423268, -0.844376219, -0.629356447, 0.209522381, 0.197363686, -0.997959639, -0.074573187, -0.007754204, 0.05211777, -0.627217268, 0.663329595, 0.611221643, 0.247862345, 0.123890385, -0.5395614, 0.05318547, -0.119433997, 0.012792144, 0.033730308, 0.359618609, -1.081720479, -0.25521701, 0.216000954, -0.867701903, 0.056499474, 0.31313126, -1.01866695, -0.001460105, -0.16053967, 0.547040504, 0.016163087, -0.456865145, 0.057404856, -0.565162258, -0.562133773, -0.692357023, 0.504849464, -0.011954885, 0.152340694, 0.001631888, -0.024839975, 0.290138719, 0.569608802, 0.125253286, -0.130362303, -0.529478887, -0.004103353, 0.04910466, -0.29711853, -0.067846497, 0.035626887, -0.856443488, -0.519879421, 0.307860935, 0.307180201, -0.426395722, -0.309439932, -0.464704804, 0.207227661, -0.561911668, -0.542737649, 0.106781855, -0.556947839, -0.703182698, 0.27546087, 0.257819156, 0.117278244, 0.318352667 |
| 58 | 1,2,3,4,5,6,8,10,11,12,13,  14,15,16,17,18,19,20,  22,23,24,25,27,28,29,  30,31,33,34,35,36,37,38,  40,41,42,43,44,45,46,47,  48,49,50,51,52,53,54,  55,56,57,58,59,60,61,62,  63,64,65,66,68,69,70,  71,72,73,74,75,76,77,78,  79,80,81,82,83,84,  85,86,87,88,89,91,  92,93,94,95 | 0.140438386, 0.166736795, 0.183005138, -0.008153737, -0.043094291, -0.114494387, -0.121730095, 0.11401574, -0.134083915, 0.036405696, 0.18138528, -0.05090808, -0.015550008, 0.00123514, 0.10309818, 0.230816323, 0.012409027, -0.108365648, 0.105466663, -0.028605738, 0.064738266, -0.028355819, 0.137556017, 0.101207412, -0.026237052, -0.068095005, 0.055916458, -0.098280081, -0.036520135, 0.238395752, -0.016201115, -0.136201901, -0.121561066, -0.111396039, 0.213359871, -0.00151322, 0.007160299, 0.081039697, 0.004038439, -0.119727675, 0.216453595, 0.05399937, -0.006041325, 0.013734868, -0.116882852, -0.100502814, 0.176686387, 0.001023154, 0.000927353, -0.051551732, 0.05443892, 0.00524095, -0.005433894, 0.115803977, 0.126043912, 0.09316599, -0.031033048, -0.197190999, -0.024512842, -0.003481209, -0.007743137, -0.116915101, 0.098031215, 0.013335784, 0.09380189, 0.000348653, 0.004785129, 0.157943888, -0.00135388, -0.026244125, 0.182551973, 0.039437552, -0.089434061, -0.016372213, 0.121741428, 0.18687747, 0.03199222, -0.05878454, 0.078632513, 0.100833762, -0.070278462, 0.066479309, -0.010423745, -0.032704616, -0.001388215, -0.051003315, -0.068226764 |
| 59 | 5,7,8,12,16,33,44,45,54,  57,64,70,73,74,81,92 | 0.000886758, -0.044502781, 0.022037519, -0.060366254, -0.017593261, 0.004259134, -0.033850911, -0.20872877, -0.009601812, -0.007904904, 0.026674448, -0.020304538, -0.035008329, -0.00676894, -0.025533347, -0.148073299 |
| 60 | 3,5,8,11,12,14,19,20,24,  33,34,35,40,44,46,47,49,  50,53,54,57,59,64,  65,67,68,70,71,73,  75,77,78,81,84,  88,89,91,92,94 | 4.51E-05, -0.000529256, -0.004395413, -0.001188689, 0.005093984, -0.004607357, 0.005640178, -5.39E-05, 0.003719562, -0.003159788, -0.005794626, 3.66E-05, -0.008317288, 0.00208287, -0.000140022, 8.52E-05, -0.001119686, 0.002685671, 7.20E-05, -5.68E-05, 0.006096445, -0.000596638, -0.006177001, -0.005338445, -0.000474538, -0.003676469, 0.002916662, 0.001038116, -0.000197263, 0.001695562, -0.010774526, 0.004451179, -0.002726482, 0.003437912, -0.006121033, 0.005127004, -0.004152828, -0.002890642, -0.004054818 |
| 61 | 2,3,4,5,6,8,9,10,11,12,14,  15,17,19,20,22,23,24,  26,29,31,33,34,35,36,38,  40,43,44,46,47,48,49,  50,51,52,53,54,56,57,58,  59,60,61,63,64,65,68,  69,70,71,72,75,  77,78,79,80,81,82,  83,84,86,88,  89,91,92,94 | -0.060150149, -0.000156114, 0.016228115, 0.020113344, 0.057196838, 0.040985355, -0.005508421, -0.046003051, 0.131268923, -0.038628174, 0.018888617, 0.101014835, -0.059580793, -0.027358729, 0.047029441, -0.124924308, 0.031083802, -0.01590883, 0.118141842, 0.041889049, -0.016521478, 0.013144542, 0.061506144, -0.000124823, 0.029041172, 0.101664027, 0.105182106, 0.053560588, -0.099945453, 0.115332847, -0.000279481, -0.040387907, 0.010112515, -0.007055906, 0.142175944, 0.048425493, -0.0002433, 0.021978346, 0.020655646, -0.025285984, -0.003086922, 0.005419306, -0.038374468, -0.0941491, 0.043527754, 0.083541659, 0.057904525, 0.018928462, 0.108012731, -0.050395008, -0.002624871, -0.055389415, -0.078569601, 0.067569212, -0.020974066, -0.069695049, 0.12303395, 0.026492299, -0.080339839, -0.085209467, -0.010758243, -0.035992719, 0.03743772, -0.022734414, 0.017934188, 0.011642874, 0.043072982 |
| 62 | 12,16,19,34,39,46,  49,59,64,70,76,92 | -0.002972244, 0.015777338, -0.000108529, 0.001503361, -0.004579984, 5.06E-05, 0.000257993, 0.000394518, 0.000928036, -0.000166041, -0.008572366, 0.000748644 |
| 63 | 3,5,8,11,14,16,19,20,24,  33,34,35,40,42,46,47,49,  53,57,59,64,65,68,73,  74,75,76,77,78,81,  88,89,91,92,93,94 | 3.94E-05, -0.000285961, -0.0002275, -0.000615183, -0.002171662, -0.000269281, 0.002355511, -1.71E-05, 0.001583304, -0.00185406, -0.00252462, 3.26E-05, -0.004723113, 0.000843757, -6.93E-05, 6.40E-05, -0.000462866, 5.63E-05, 0.00283295, -0.000175905, -0.000447943, -0.002711287, -0.002042667, -0.000262208, -0.000150749, 0.000962153, 0.001075476, -0.005966721, 0.000347105, -0.000983652, -0.003148764, 0.000307683, -0.001690466, -0.001261101, 0.000864812, -0.002095543 |
| 64 | 5,7,8,11,12,14,16,19,24,29,  32,33,34,39,42,43,45,46,48,  49,50,54,55,57,58,  59,60,64,66,68,70,  71,73,74,75,76,84,91,92,93 | 0.00035564, -0.004424425, 0.000455953, 0.000344804, 0.036412929, -0.032353283, 0.047175177, 0.006131898, 0.062658346, -0.001504184, 0.017785906, 0.001962411, -0.001935882, -0.007124073, -0.002887752, 0.000591192, 0.002326423, 4.00E-05, 0.038317477, 0.000705618, 0.025822405, 0.000565015, 0.039800901, 0.00661338, 0.073973952, -0.010651178, 0.089438056, 0.001356478, -0.002605331, 0.001181388, 0.0033102, 0.012906008, 0.078562495, 0.005347059, 0.013588124, -0.001954809, 0.019886833, -0.013851808, 0.000651116, -0.000771931 |
| 65 | 5,8,11,14,19,33,40,50,54,59,  64,65,68,77,81,88,89,92,94 | -0.003026879, -0.000198029, -0.000100108, -0.000386862, 0.004755479, -0.001008715, -0.003950404, 0.001349811, 0.000197263, -0.003931778, -0.002275162, -0.001905157, -0.003494549, -0.004634066, -0.001316685, -0.002211354, 0.002036026, -0.001313847, -0.002354299 |
| 66 | 1,2,3,4,6,7,9,10,11,12,13,  14,17,18,19,21,22,23,24,25,  26,27,28,30,31,32,34,35,  36,37,39,40,41,42,43,44,  46,47,48,49,50,51,53,54,  55,56,57,58,59,60,61,62,  63,64,65,66,67,68,69,70,  71,72,75,76,78,79,81,  82,83,84,85,86,87,  89,90,91,92,93,94,95 | 0.966336074, 0.392564412, 2.014854362, -0.088941493, -0.112186287, -0.025712287, -0.023297036, 1.009188205, -0.211086474, 0.0136912, 0.840583499, -0.342485102, 0.545513676, 1.837372274, 0.123374945, 2.642995366, 0.139693826, -0.258174909, 0.460493916, -0.094049674, -0.019206116, 1.717770723, 1.184901803, -0.410053442, 1.982774683, 0.05947901, -0.094872531, 1.583961455, -0.301484622, -0.432079554, -0.122861238, -0.21622101, 1.763954463, -0.031234424, 0.125880246, 0.660988277, -0.336113817, 1.902535582, 0.53008456, -0.013011266, 0.810918899, -0.487759754, 1.88160764, 0.001397697, 0.045328279, -0.165368038, 0.112687878, 0.35763644, -0.052471593, 0.877962664, 1.06217531, 1.363450298, -0.115331214, -6.93E-05, -0.027928396, -0.033281248, 0.042886737, -0.189739008, -0.503942109, 0.00056441, 0.041704732, 1.087350752, 0.75034396, -0.024097218, 2.178851104, 1.841404355, -0.115589772, 0.837499134, 0.664896803, 0.595890794, -0.281112842, 0.83414188, 1.113406467, 0.837122502, 1.516060766, -0.22945382, -0.00403914, -0.00649751, -0.010152012, -0.008101705 |
| 67 | 1,2,3,4,5,6,8,9,10,11,12,  13,14,15,17,18,19,20,21,  22,23,24,25,26,27,28,29,  30,31,33,34,35,36,37,38,  40,41,44,46,47,48,49,50,  51,52,53,54,56,57,59,60,  61,62,63,64,65,68,69,70,  71,72,75,77,78,79,80,  81,82,83,84,85,86,87,88,  89,90,91,92,94,95 | 0.541949003, 0.242949559, 1.69231349, -0.088618549, -0.000581503, -0.472479379, -0.047594373, 0.000698203, 0.334873329, -0.441833158, 0.02533189, 0.373301456, -0.17450571, -0.062751812, 0.332390908, 1.451823726, 0.025927939, -1.461826889, 1.739694588, 0.092480978, -0.064122826, 0.165200127, -0.198601357, -0.465993614, 1.068842059, 0.401095598, -0.098602156, -0.543731768, 1.391960396, -0.003039744, -0.17936727, 2.084926655, -0.100110856, -0.968671999, -0.727975417, -0.301241565, 0.803611778, 2.404837813, -0.558210506, 1.355649283, 0.105240909, -0.001787043, 0.032438425, -0.851387035, -0.528383914, 1.125861067, -0.00022615, -0.27380041, 0.079449203, -0.000951894, 0.186116389, 0.260014447, 0.629886593, -0.089553394, -0.0107385, -0.205818112, -0.005579432, -0.510471759, 0.082045754, 0.001889903, 0.261872177, 0.491488129, -0.056029251, 1.799854449, 2.110769107, -0.258099255, -0.032171873, 0.210351664, 0.40984566, 0.025222859, -0.127151412, 0.32179312, 0.381659218, -0.012071922, 0.227263175, 0.713355164, -0.021009891, -0.002960114, -0.124867403, -0.648398707 |
| 68 | 5,8,11,12,14,15,19,20,24,  29,33,34,35,46,49,50,  57,59,64,65,68,70,71,74,75,  77,81,88,89,91,92,93,94 | -0.004741795, -0.005663638, -0.000702851, 0.007478292, -0.008681414, -0.02615621, 0.010292414, -3.32E-05, 0.00457001, -0.031007623, -0.001620941, -0.01053781, 8.14E-08, -0.000147418, -0.001289419, 0.001714563, 0.007543882, -0.000990031, -0.008056111, -0.002005509, -0.003605771, 0.000127684, 0.001704666, -4.16E-05, 0.002455752, -0.009243804, -0.001697841, -0.003275504, 0.000244485, -0.005236083, -0.004190489, 0.0748434, -0.023855336 |
| 69 | 1,2,3,4,5,6,8,10,11,12,13,  14,17,18,19,20,23,24,27,  28,29,30,31,33,34,35,36,  37,38,40,41,44,46,47,  48,49,50,51,53,57,59,60,  61,62,64,65,68,69,70,  71,72,75,77,78,  79,81,82,83,84,  86,87,88,89,91,92,93,94 | -0.115152904, -0.06146274, -0.187656031, 0.007423997, 0.006262833, 0.051889978, 0.018675784, -0.038104065, 0.044745434, -0.011420427, -0.073997858, 0.005035184, -0.050979536, -0.190275991, -0.007814939, 0.021018043, 0.007612957, -0.015023029, -0.174871211, -0.061618994, 0.008149799, 0.03290018, -0.135966384, 0.003771772, 0.007389006, -0.254732177, 0.006464748, 0.073918036, 0.034292867, 0.03049606, -0.106369914, -0.27867825, 0.041748216, -0.196405235, -0.009466717, 0.001176886, -0.00323716, 0.126839725, -0.140551359, -0.029442665, 0.000648244, -0.003815518, -0.031374653, -0.056188977, 0.01433384, 0.012634669, 0.005468699, 0.024794282, -0.019409828, -0.000712531, -0.041782471, -0.007051882, 0.013284908, -0.215188958, -0.015581864, 0.003374752, -0.021963499, -0.055270745, -0.004131219, -0.043902016, -0.056634445, 0.008262242, -0.044090226, 0.005107745, 0.003380982, 0.000509132, 0.004298629 |
| 70 | 2,3,4,5,6,8,10,11,12,14,15,  16,19,20,22,23,24,25,26,  29,31,33,34,35,36,40,43,  44,45,46,47,49,50,52,53,  54,56,57,59,63,64,65,68,  69,70,71,73,75,77,78,80,  81,82,84,85,86,88,  89,90,91,92,94,95 | 0.021886014, 0.000108175, -0.045114943, -0.027846173, -0.013615315, -0.007650383, 0.029969894, -0.00164153, 0.007237528, -0.009556399, -0.037049106, -0.000599076, 0.015243049, -6.37E-05, 0.050137127, -0.031570381, 0.005421493, -0.046179504, -0.033164848, -0.021133016, 0.025070024, -0.005651759, -0.02118408, 8.86E-05, -0.042437141, -0.020895937, -3.51E-05, 0.034183056, -0.001223753, -0.000312072, 0.000164044, -0.001902489, 0.005297376, -0.028716674, 0.000146651, -0.000517415, -0.077496314, 0.010072781, -0.001031092, -0.044239054, -0.013928871, -0.028050477, -0.011727741, -0.016848372, 7.08E-05, 0.001431597, -0.009465964, 0.002055117, -0.035001793, 0.014006204, -0.061621564, -0.038039956, 0.037825781, 0.014362972, -0.023763391, 0.02775335, -0.013995362, 0.015108287, 0.094815672, -0.013415833, -0.007676801, -0.02414172, -0.049178704 |
| 71 | 19,49,59 | 0.000175632, -0.000364697, -0.000247428 |
| 72 | 5,11,19,24,33,42,49,50,54,  57,59,64,65,75,81,88,89 | -0.000117391, -0.00022694, 0.003196113, 0.000614887, -0.001310605, -0.000399307, -0.000181772, 0.002708609, 0.001467992, 0.003019245, -0.001801539, -0.000509002, -0.00116345, 0.000275523, -0.001386458, -0.00116555, 0.000666581 |
| 73 | 3,5,7,11,14,19,23,24,29,  31,32,33,34,35,40,42,47,49,  50,53,54,55,57,58,  59,64,65,66,68,70,71,  73,75,76,77,81,84,  88,89,91,92,93,94 | -1.26E-05, 0.001491019, 0.003032384, 0.000396435, 0.002341894, -0.007798814, 0.014596068, -0.000820932, 0.006117995, -0.016921977, -0.001495147, 0.001609394, 0.000954724, -7.22E-06, 0.005778958, 0.002185051, -2.45E-05, 0.000661986, -0.003727072, -2.13E-05, -0.000271513, -0.000985936, -0.002377131, -0.001975148, 0.003863278, 0.000555715, 0.004018311, 0.003045946, 0.005644176, 1.63E-05, -0.002376499, -0.0006021, -0.000296299, 0.001038144, 0.007440048, 0.003273712, -0.007775471, 0.003641593, -0.006943854, 0.007529295, 0.001671755, 0.000723233, 0.005830406 |
| 74 | 54 | -2.53E-05 |
| 75 | 1,2,3,4,5,6,8,9,10,11,12,13,  14,15,17,19,20,21,22,23,  24,25,27,28,29,30,31,33,  34,35,36,40,43,44,46,47,  48,49,50,51,53,54,55,57,  59,60,61,62,63,64,65,67,  68,69,71,72,74,75,  77,78,79,81,82,83,84,  85,86,87,88,89,91,92,94 | 0.063387785, 0.027953896, 5.43E-05, -0.023220434, -0.005366797, -0.071937188, -0.005605965, 0.006274247, 0.036236889, -0.080422421, 0.005014622, 0.110732542, -0.002847722, -0.052427746, 0.050612801, 0.005274609, -0.049213305, 0.142820903, 0.050436457, -0.02380335, 0.003994239, -0.054197417, 0.103412784, 0.064558943, -0.021639117, -0.086431868, 0.091827567, -0.001444672, -0.006705863, 3.80E-05, -0.021922136, -0.043434526, -0.035312124, 0.018253026, -0.076479007, 9.63E-05, 0.02206802, -0.000340255, 0.00134824, -0.095513502, 8.34E-05, -0.04195576, -0.008756824, 0.015744291, -0.002350056, 0.024056775, 0.07450948, 0.079919391, -0.031020115, -0.021633614, -0.014627168, -0.000632806, -0.003168757, -0.038850956, 0.000191361, 0.050145292, -0.04640418, 0.037008022, -0.02430295, 0.012700667, 0.102768523, -0.014151726, 0.047769669, 0.069377899, 0.006237827, -0.076093883, 0.039863134, 0.110775927, -0.011492541, 0.022295449, -0.004151645, -0.026289577, -0.013277026 |
| 76 | 9,19,45,49,50,59,67,81 | -0.006199964, 0.000890728, -0.032753368, -0.000993465, 0.005241639, -0.001267657, 0.000332941, -0.072973233 |
| 77 | 1,2,3,4,5,6,7,8,10,11,12,13,  14,15,17,19,20,22,23,24,  25,26,27,28,29,30,31,32,  33,34,35,36,37,38,39,40,  41,42,44,46,47,48,49,50,  51,52,53,54,55,56,57,58,  59,60,61,63,64,65,66,68,  69,70,71,72,73,75,77,78,  79,80,81,82,83,84,85,86,  87,88,89,91,92,93,94,95 | 0.324555352, 0.2419679, 0.000205766, -0.044682935, -0.050530014, -0.311250961, -0.007168938, -0.148410092, 0.195279479, -0.247191621, 0.114724292, 0.310439437, -0.13354245, -0.180644064, 0.244800669, 0.050326328, -0.100879526, 0.184535517, -0.094811312, 0.118884602, -0.133438163, -0.110858705, 0.33115318, 0.250994619, -0.116874628, -0.214568477, 0.245450859, 0.007391851, -0.066118528, -0.123565393, 0.000149592, -0.080739801, -0.224217088, -0.226139341, -0.011991507, -0.303406887, 0.305119045, -0.004819217, 0.16470644, -0.305278758, 0.000411477, 0.143373953, -0.013216085, 0.052800933, -0.230087374, -0.112778918, 0.000350731, 0.001199808, 0.001829441, -0.008385797, 0.173149636, 0.016099721, -0.023397132, 0.138518204, 0.215360442, -0.071300759, -0.368501684, -0.073297694, -0.007520134, -0.033671274, -0.189137915, 0.204775595, 0.030014919, 0.240507593, 0.00075413, 0.200258589, -0.124174577, 0.045611225, 0.224398994, -0.085520345, -0.044624797, 0.192171039, 0.292859488, 0.084997947, -0.045036425, 0.164320673, 0.265678587, -0.055055332, 0.140871679, -0.071618427, -0.099843671, -0.002700906, -0.093671279, -0.087964734 |
| 78 | 5,8,11,12,14,16,19,24,33,  34,39,42,49,50,54,55,57,  58,59,64,65,66,  67,68,70,71,74,  75,76,81,84,88,  89,92,93,94 | -0.000315901, -0.002470096, -0.000392772, 0.007286963, -0.003042686, 0.000189873, 0.004346628, 0.000824402, -0.002461273, -0.003517241, -0.003128299, -0.000302516, -0.000737012, 0.001136425, 0.000994066, 0.000251823, 0.004135324, 0.001491051, -0.001997093, -0.003200998, -0.002422346, -0.002838484, -0.000462036, -0.003188568, 0.004790718, 0.001200017, 0.021814245, 0.001141281, -0.010122064, -0.001247412, 0.001170625, -0.002209116, 0.000397597, -0.001243932, -0.008015218, -0.002615856 |
| 79 | No outward regulation |  |
| 80 | 5,8,11,14,19,24,34,  40,46,49,50,59,  64,65,68,71,75,81,  88,89,91,92,94 | 0.001255914, 7.93E-05, 0.000586452, 0.000872333, -0.001989207, -0.000480778, 0.000647982, 0.005384774, 8.19E-05, 0.000304989, -0.001087392, 0.00019802, 0.000459734, 0.002191401, 0.000939502, -0.000104359, -0.000363585, 0.001144719, 0.002465329, -0.001951239, 0.003289843, 0.00128206, 0.001253081 |
| 81 | 16,32,39,42,49,54,55,  59,66,70,73,76,93 | -0.000369652, -0.002643247, 0.002785408, 0.00041058, -0.000221102, -9.79E-05, -0.000240792, 0.015112736, 0.000652944, 2.21E-05, -0.000139034, 0.000463859, 0.000159977 |
| 82 | 5,7,12,19,29,32,39,42,49,  50,54,55,58,59,66,70,71 | -0.004096424, -0.005853585, 0.001084158, -0.000136893, -0.002195489, 0.002903433, -0.000563778, -0.00897154, -0.003182872, 0.005337171, 5.07E-05, 0.000528703, 0.000835198, -0.005023799, -0.000443602, 0.007171532, 0.003791159 |
| 83 | 5,8,11,12,14,19,23,24,29,  33,34,40,42,46,49,50,54,  57,58,59,64,65,68,70,71,75,  77,81,84,88,89,91,92,93,94 | 0.001437584, 0.001831861, 0.000614649, -0.003656718, 0.003641795, -0.008902009, 0.011896535, -0.002741921, 0.011368362, 0.00372809, 0.004583515, 0.006551051, 0.001989395, 2.62E-05, 0.000657578, -0.00240878, -0.000185688, -0.005984412, -0.001822934, 0.004113201, 0.002919846, 0.004343576, 0.005808184, -0.005925999, -0.002846831, -0.001220607, 0.00983101, 0.00240227, -0.003719182, 0.004636709, -0.003607711, 0.004518612, 0.001831847, 0.000870147, 0.010363576 |
| 84 | 2,3,4,5,6,8,10,11,12,14,15,  17,19,20,23,24,29,31,33,  34,35,40,44,46,47,48,49,  50,53,57,59,60,63,64,65,  68,70,71,72,75,77,78,81,  83,84,86,88,89,91,92,94 | -0.034173362, -0.000100736, 0.014184374, 0.011054298, 0.033113835, 0.017572033, -0.031849746, 0.001628543, -0.014363165, 0.006275554, 0.015166537, -0.027812433, -0.006692416, 0.023668553, 0.014821441, -0.021934422, 0.012679291, -0.016479319, 0.003900396, 0.012117451, -7.97E-05, 0.040277293, -0.046332211, 0.000306567, -0.000182856, -0.026540151, 0.000996041, -0.002016973, -0.000158829, -0.027443498, 0.000452772, -0.021812537, 0.026362516, 0.025085692, 0.014931947, 0.00301004, -0.01761999, -0.000938524, -0.031724499, -0.036998111, 0.022473831, -0.013305447, 0.015778512, -0.037862842, -0.005096695, -0.026419135, 0.016307569, -0.010011142, 0.006608437, 0.004111445, 0.016090835 |
| 85 | 2,3,5,6,8,10,11,12,14,15,  19,20,23,24,29,31,33,34,  35,40,44,46,47,48,49,50,  53,57,59,60,62,64,65,68,  70,71,75,77,78,81,  84,86,88,89,91,92,94 | 0.018918531, 0.000134633, -0.006894716, -0.021530759, -0.00697241, 0.023047194, -0.002418716, 0.00855521, -0.00886016, -0.012366417, 0.011261048, -7.74E-05, -0.015518672, 0.006124176, -0.010963114, 0.02093956, -0.006215515, -0.011679179, 0.000101066, -0.024179652, 0.023670414, -0.000336835, 0.000241069, 0.014196127, -0.001897499, 0.003939115, 0.00020846, 0.012240052, -0.001076913, 0.011591342, 0.100858317, -0.011077875, -0.016454644, -0.007756401, 0.000148551, 0.001554138, 0.018782542, -0.015092312, 0.007614413, -0.010956926, 0.00668879, 0.020309022, -0.017365945, 0.01305153, -0.00713773, -0.00589196, -0.008070931 |
| 86 | 3,14,19,24,35,46,  47,49,50,53,59,  64,65,68,70,71,  81,89,91,92,94 | -7.08E-06, 0.001238302, -0.002573762, -0.000451304, -6.46E-06, 1.85E-06, -1.27E-05, 0.000345741, -0.000137123, -1.14E-05, 0.000244107, 0.000602454, 0.001374922, 0.007495853, -4.46E-05, -0.000293031, 0.001464294, -0.000483139, 0.001196719, 0.000847448, 0.001691755 |
| 87 | 5,8,11,12,14,19,24,33,34,  42,43,46,49,50,57,58,59,  64,65,66,68,70,71,75,76,  81,84,88,89,91,92,94 | -0.000405485, -0.000442857, -0.001079206, 0.003205293, -0.00389072, 0.003805553, 0.003691098, -0.002895347, -0.003528843, -0.006703842, 0.000425258, -0.000141615, -0.001219005, 0.00420323, 0.005187135, 0.000367966, -0.011238715, -0.001498022, -0.003740626, -0.034652721, -0.003145338, 1.21E-05, 0.000841448, 0.001184566, -0.002100703, -0.001959106, 0.00405308, -0.003035273, 0.00352488, -0.005941643, -0.002461158, -0.003544 |
| 88 | 3,5,7,8,11,12,14,16,19,22,  23,24,25,29,32,33,34,35,  39,40,42,44,45,46,47,48,  49,50,53,54,55,57,58,59,63,  64,65,66,68,70,  71,74,75,76,77,  78,81,84,88,89,91,92,93,94 | 3.85E-05, -0.023532824, -0.019630684, -0.051361259, -0.002186379, 0.018134595, -0.038333839, 0.000838897, 0.017313387, 0.064686191, -0.013029191, 0.006666436, -0.014159842, -0.023218457, 0.008888874, -0.006561262, -0.032515956, 4.44E-05, -0.004159875, -0.025573261, -0.000874326, 0.012411394, -0.027223945, -0.000368195, 7.39E-05, 0.034554661, -0.003951669, 0.012399032, 6.63E-05, 0.000956326, 0.001008909, 0.029140982, 0.001872953, -0.010993972, -0.019246582, -0.014726556, -0.020862512, -0.002015254, -0.009163082, 0.02390919, 0.008531561, 0.000484449, 0.003594446, -0.00042595, -0.024892649, 0.007362066, -0.031145576, 0.018368314, -0.018175012, 0.003458151, -0.012967594, -0.057367227, -0.001315385, -0.018603254 |
| 89 | 3,6,8,11,12,14,15,19,24,33,  34,35,46,47,49,50,53,57,  59,64,65,68,70,71,75,77,  81,88,89,91,92,94 | -1.49E-05, 0.002346761, 0.000170238, 0.000423723, -0.001803472, 0.000883108, 0.006665408, -0.001336147, -0.000365871, 0.001408536, 0.00156105, -1.01E-05, 2.86E-05, -2.58E-05, 0.000102433, -0.000304854, -2.23E-05, -0.002530662, 9.12E-05, 0.000397151, 0.001837681, 0.001353601, -2.45E-05, -0.000137012, -0.000577651, 0.000968585, 0.000967718, 0.002365488, -0.001557199, 0.00033358, 0.000626334, 0.00081315 |
| 90 | 3,5,7,8,11,12,14,19,20,24,  32,33,34,35,40,42,43,44,  46,47,49,53,55,  57,58,59,64,65,68,  70,71,73,75,81,88,  89,91,92,94 | -6.95E-06, 0.004274374, -0.000754613, 0.00329264, 0.000972088, -0.006615041, 0.002773951, -0.003252816, 1.19E-05, -0.001937176, 0.002804779, 0.003556635, 0.003484702, -1.10E-05, 0.000962729, -0.003919449, 0.001459776, -0.005037848, 0.000117825, -9.17E-06, 0.000972883, -9.07E-06, 0.094251019, -0.005806259, 0.026930659, -0.000908847, 0.004863155, 0.003445154, 0.002562843, -0.010519312, 0.015293303, 0.000490691, -0.001320481, 0.001162978, 0.003292198, -0.000311891, 0.001894542, 0.002179181, 0.002758221 |
| 91 | 5,8,11,12,19,33,49,55,57,  58,59,64,67,70,71,75,84,93 | 0.00059568, 0.000555172, 0.000254223, -0.020445061, -0.000347659, 0.053462043, 0.000433297, -0.00031775, -0.004797482, -0.003629894, 0.004261129, 0.003140809, 0.000301821, -0.058836699, -0.008990721, -0.000208887, -0.006480615, 0.064375377 |
| 92 | 2,3,4,5,6,8,10,11,12,13,14,  15,17,19,20,22,23,24,25,26,  29,30,31,33,34,36,38,40,44,  46,47,48,49,50,51,52,53,  56,57,58,59,60,61,63,64,65,  68,69,70,71,72,75,77,78,  79,80,81,82,83,84,85,  86,87,88,89,91,92,94 | -0.067895962, -0.000114292, 0.008940712, 0.014039006, 0.089297421, 0.022325786, -0.051544484, 0.124296165, -0.017787004, -0.126101664, 0.009382439, 0.018776235, -0.042645973, -0.013083375, 0.1183121, -0.119791668, 0.024144187, -0.097715833, 0.059732348, 0.116273475, 0.025442042, 0.064789013, -0.019363519, 0.005521054, 0.045987399, 0.04278387, 0.058821464, 0.064187852, -0.058710259, 0.11481008, -0.000209587, -0.104791907, 0.004205515, -0.002581586, 0.133200457, 0.062280969, -0.00018122, 0.064292746, -0.036228711, -0.002476541, 0.00307211, -0.134396968, -0.092678907, 0.025471812, 0.031150777, 0.03287539, 0.012519252, 0.099055915, -0.021994037, -0.005877669, -0.079189682, -0.065846001, 0.0265303, -0.01140088, -0.068755138, 0.086763365, 0.014873611, -0.084873317, -0.060984112, -0.035570262, 0.084769446, -0.040773015, -0.092324716, 0.021100162, -0.059667173, 0.010765145, 0.006294448, 0.018148739 |
| 93 | 3,7,19,20,24,31,35,39,42,  47,49,50,53,54,55,58,66,70,  71,73,74,76,78,81,89,93 | 3.75E-05, 0.000759, 2.00E-05, -1.46E-05, 0.007045777, 0.005630099, 3.11E-05, 0.000586527, 0.000520005, 6.90E-05, -0.000145095, -0.00180166, 5.92E-05, -0.004368303, -0.006941439, -0.003671298, 0.004836073, -2.12E-05, -0.010181074, -0.000590114, -0.000933748, 0.007022371, 0.002267097, -0.000664209, 0.001107351, 0.000601944 |
| 94 | 20,35,49,59,64,70,71 | 2.09E-06, -5.55E-05, -0.000144375, -0.000215981, -1.43E-05, 0.000147721, 0.000282723 |
| 95 | 3,5,8,11,12,14,19,20,23,24,  29,33,34,40,44,46,47,49,50,  53,57,59,64,65,68,70,71,75,  77,78,81,84,88,89,91,92,94 | 2.81E-05, -0.001940943, -0.001645714, -0.000779241, 0.002965223, -0.002893049, 0.003233981, -7.06E-06, -0.003523568, 0.002111156, -0.003800344, -0.002205338, -0.003810214, -0.005232111, 0.002751042, -0.000113394, 5.50E-05, -0.000676628, 0.001645059, 4.77E-05, 0.004082046, -0.000390694, -0.003256047, -0.003413248, -0.002259363, 6.72E-06, 0.000577668, 0.001017683, -0.005132528, 0.002680398, -0.001674741, 0.00211225, -0.003819801, 0.002834337, -0.00230663, -0.001938334, -0.002489782 |