Data vs Function	Parameter Space	Error over iterations
	Incorrect dimensionality	

Parameters, dir, Delta	Iterations, corrections, α, β, LSTolerance, factor	
{0.00920719, −3.93199, −1.5622, −1.29157, 1.68919, −3.8555, 1.49686, 3.40708, −3.59663, 2.95224, −0.768369, −0.967031, −1.55466, −4.83617, −0.479319, 2.06433, 4.04581, −3.16188, −3.35316, 4.35322, −4.04552, −1.34803, 2.71836, 0.838934, 3.94274, −1.66249, −1.82098, −2.14492, 6.1852, 1.15221, 3.3825, 4.85597, 2.46958, −2.5525, 0.486173, −3.08284, 3.72884, 2.81789, 4.91235, 2.15632, −0.130954, 2.17878, 0.547485, −2.43123, 2.16143, −1.15364, 2.12191, −1.64428, 2.23638, −3.38277, 3.33022, 3.32278, 4.90991, −2.19797, −3.05751, 5.27385, −3.75034, −3.84221, 4.16029, −3.76599, −2.19679, 2.30078, −2.78614, 0.290888, −0.595324, 4.39051, −1.96534, −3.87812, −1.04034, −2.00626, 2.66076, −0.129052, 2.46142, −2.51202, 1.21852, 0.37015, 3.70963, −3.06229, −1.87826, −1.50212, 3.53836, −2.86233, 0.328826, −3.90303, 0.839169, −4.05492, −2.37001, −0.919787, 3.49804, −0.169047, −3.16532, −5.61418, 1.11134, −3.89387, 0.946183, 1.04928, −1.7758, 2.90462, 3.00665, −3.97446}		

{0.00860917, 0.0091599, 0.0077464, 0.00672666, 0.00607199, 0.00560069, 0.00520218, 0.00483136, 0.00447611, 0.00413695, 0.00381751, 0.00352102, 0.00324932, 0.00300285, 0.00278101, 0.00258251, 0.00240565, 0.00224854, 0.00210925, 0.00198591, 0.00187673, 0.00178008, 0.00169446, 0.00161853, 0.00155109, 0.00149107, 0.00143752, 0.00138961, 0.0013466, 0.00130786, 0.00127281, 0.00124096, 0.00121188, 0.00118518, 0.00116054, 0.00113766, 0.00111629, 0.00109622, 0.00107723, 0.00105918, 0.00104191, 0.0010253, 0.00100922, 0.000993602, 0.000978345, 0.000963382, 0.000948651, 0.000934101, 0.000919684, 0.000905364, 0.000891106, 0.000876885, 0.000862677, 0.000848463, 0.000834227, 0.000819958, 0.000805646, 0.000791282, 0.000776861, 0.000762381, 0.000747837, 0.00073323, 0.000718559, 0.000703826, 0.000689031, 0.000674179, 0.000659271, 0.000644311, 0.000629303, 0.000614252, 0.000599161, 0.000584035, 0.00056888, 0.0005537, 0.000538499, 0.000523283, 0.000508057, 0.000492825, 0.000477592, 0.000462363, 0.000447144, 0.000431937, 0.000416748, 0.000401581, 0.00038644, 0.000371329, 0.000356253, 0.000341214, 0.000326217, 0.000311266, 0.000296362, 0.000281511, 0.000266715, 0.000251976, 0.000237298, 0.000222684, 0.000208135, 0.000193655, 0.000179246, 0.000164909}

{9, 0}

{[░░░░░░░░░░░░░░░░░░░], 0.334938, 1.82989}

{2.96347×10⁻⁶, 0.01}

{0.262744, 85.1775}

{−0.0087681, 0.000981307, 0.0156753, 0.0189543, 0.01788, 0.0154537, 0.0127746, 0.0102517, 0.00803011, 0.00614568, 0.00458688, 0.00332233, 0.00231396, 0.00152336, 0.00091477, 0.000456352, 0.000120483, −0.000116374, −0.000274032, −0.000369024, −0.000415046, −0.000423387, −0.000403303, −0.000362352, −0.000306677, −0.000241249, −0.000170069, −0.000096337, −0.0000225939, 0.0000491608, 0.000117373, 0.000180852, 0.000238706, 0.000290287, 0.000335142, 0.000372983, 0.000403647, 0.000427078, 0.000443302, 0.000452412, 0.000454551, 0.000449902, 0.000438681, 0.000421123, 0.000397479, 0.000368013, 0.000332994, 0.000292693, 0.000247382, 0.00019733, 0.000142802, 0.0000840591, 0.0000213539, −0.0000450673, −0.000114966, −0.000188113, −0.000264287, −0.000343275, −0.000424873, −0.000508886, −0.000595129, −0.000683422, −0.000773598, −0.000865494, −0.000958957, −0.00105384, −0.00115001, −0.00124733, −0.00134568, −0.00144494, −0.001545, −0.00164575, −0.00174709, −0.00184894, −0.0019512, −0.00205378, −0.00215662, −0.00225963, −0.00236275, −0.00246591, −0.00256905, −0.0026721, −0.00277503, −0.00287776, −0.00298027, −0.0030825, −0.00318441, −0.00328596, −0.00338712, −0.00348785, −0.00358812, −0.0036879, −0.00378716, −0.00388588, −0.00398404, −0.00408161, −0.00417857, −0.0042749, −0.00437059, −0.00446563}

Frequency indices: {1, 17, 21, 26, 30, 36, 40, 44, 47, 52, 57, 60, 64, 70, 74, 84, 88, 94}
Data frequencies: {0., 100.845, 123.276, 157.142, 181.521, 220.477, 243.599, 269.988, 288.65, 322.202, 352.801, 371.273, 396.972, 436.43, 460.369, 523.201, 548.019, 585.153}
Not Normalized

TrueParams {−0.157185, −4.70473, 0.625118, −1.98229, −2.13584, 3.12884, −0.524011, −3.65747, 1.00047, 0.909212, −0.394374, −4.53321, −1.59429, 4.95851, −2.15506, 4.03929, 4.59903, 4.00367, −2.57267, −4.80789, −2.05249, −1.51448, −4.76045, 4.9969, 4.20529, −4.61329, −0.450091, 2.0084, 2.85619, −3.1645, 1.90745, −2.61933, 2.70346, −4.3203, 1.10045, 2.56742, 1.05652, 2.22556, 3.16379, 3.95738, 0.840205, 4.19305, 0.388082, 1.41904, 4.07772, 3.4288, 4.98683, 2.59855, 1.36643, −1.20176, −3.80775, −2.5205, 3.38163, −3.80342, −3.88556, −3.57906, 1.54199, 2.35849, 2.95163, −2.73665, 2.41298, 4.83337, −4.16121, −4.32997, 0.336277, −3.21862, −2.30956, 4.0142, 1.26614, 3.94604, −1.60318, 4.25939, −0.297254, 1.36296, −4.68512, −3.18752, −0.0966872, −2.07978, −2.1872, 0.316347, 2.63895, −4.35457, 0.0748662, 2.17649, −4.38617, −1.41454, 1.92871, 3.88235, −0.846537, −4.43706, 1.74244, −2.69355, 0.14055, −3.41938, −3.41943, −0.825582, 2.31696, −4.11896}

InitialParams {4.28472, 4.55929, 0.201177, −1.92647, 0.6361, −4.6546, 1.0997, 3.3686, −3.37714, 3.32386, −0.336834, −0.549111, −1.20567, −4.59558, −0.373662, 2.01882, 3.84083, −3.52861, −3.87943, 3.67284, −4.87225, −2.31182, 1.6278, −0.367541, 2.63143, −3.06756, −3.30893, −3.70516, 4.56284, −0.522545, 1.66456, 3.10356, 0.690873, −4.34984, −1.32264, −4.89649, 1.91655, 1.01266, 3.11947, 0.380669, −1.8849, 0.450649, −1.15106, −4.09675, 0.532093, −2.74394, 0.573227, −3.14898, 0.777786, −4.79336, 1.96935, 2.01315, 3.65288, −3.4012, −4.20589, 4.18123, −4.78641, −4.82106, 3.23922, −4.6288, −3.00097, 1.55551, −3.47227, −0.335982, −1.16285, 3.88233, −2.41421, −4.26777, −1.37092, −2.27795, 2.44772, −0.283688, 2.36489, −2.55077, 1.23721, 0.445888, 3.84203, −2.87366, −1.63383, −1.20234, 3.89302, −2.45326, 0.791797, −3.38665, 1.40844, −3.43327, −1.6965, −0.194957, 4.27366, 0.656824, −2.28974, −4.68943, 2.08471, −2.87242, 2.01517, 2.16525, −0.613388, 4.11294, 4.26033, −2.67596}

FitFunction: #2 + #1*#3 + #1^2*#4 + #1^3*#5 + #1^4*#6 + #1^5*#7 + #1^6*#8 + #1^7*#9 + #1^8*#10 + #1^9*#11 + #1^10*#12 + #1^11*#13 + #1^12*#14 + #1^13*#15 + #1^14*#16 + #1^15*#17 + #1^16*#18 + #1^17*#19 + #1^18*#20 + #1^19*#21 + #1^20*#22 + #1^21*#23 + #1^22*#24 + #1^23*#25 + #1^24*#26 + #1^25*#27 + #1^26*#28 + #1^27*#29 + #1^28*#30 + #1^29*#31 + #1^30*#32 + #1^31*#33 + #1^32*#34 + #1^33*#35 + #1^34*#36 + #1^35*#37 + #1^36*#38 + #1^37*#39 + #1^38*#40 + #1^39*#41 + #1^40*#42 + #1^41*#43 + #1^42*#44 + #1^43*#45 + #1^44*#46 + #1^45*#47 + #1^46*#48 + #1^47*#49 + #1^48*#50 + #1^49*#51 + #1^50*#52 + #1^51*#53 + #1^52*#54 + #1^53*#55 + #1^54*#56 + #1^55*#57 + #1^56*#58 + #1^57*#59 + #1^58*#60 + #1^59*#61 + #1^60*#62 + #1^61*#63 + #1^62*#64 + #1^63*#65 + #1^64*#66 + #1^65*#67 + #1^66*#68 + #1^67*#69 + #1^68*#70 + #1^69*#71 + #1^70*#72 + #1^71*#73 + #1^72*#74 + #1^73*#75 + #1^74*#76 + #1^75*#77 + #1^76*#78 + #1^77*#79 + #1^78*#80 + #1^79*#81 + #1^80*#82 + #1^81*#83 + #1^82*#84 + #1^83*#85 + #1^84*#86 + #1^85*#87 + #1^86*#88 + #1^87*#89 + #1^88*#90 + #1^89*#91 + #1^90*#92 + #1^91*#93 + #1^92*#94 + #1^93*#95 + #1^94*#96 + #1^95*#97 + #1^96*#98 + #1^97*#99 + #1^98*#100 + #1^99*#101 &

LSTemp and LSTolerance: 0.005 0.001

Out[3144]=