Data vs Function	Parameter Space	Error over iterations

Parameter Space: Incorrect dimensionality

Parameters, dir, Delta	Iterations, corrections, α, β, LSTolerance, factor	

Out[3281]=

{2.12119, -3.56743, -0.310966, 0.262556, -2.52009,
 0.958869, -1.33303, -3.2189, -1.35427, 0.912984,
 -4.51411, -1.73525, 4.56739, -1.43844, -2.3591,
 -3.99239, -2.88751, 2.30165, -2.17952, 3.92635,
 4.73878, -3.95808, 3.10385, -1.28661, 1.62384,
 5.09683, -3.80667, 4.88589, -2.58825, 4.70492,
 -1.02035, 1.88107, -1.14772, -2.47008, 5.50146,
 -2.913, -1.05614, 1.87347, -3.46869, 0.165084,
 -2.70989, -0.729195, 2.78802, 1.46162, 6.21092,
 1.38884, -2.96257, -1.96662, 1.91553, -0.265366}

{-0.000995722, -0.00406032, -0.00139337, -0.00130509,
 -0.00168876, -0.00196602, -0.00205692, -0.00199807,
 -0.0018408, -0.00162756, -0.00138878, -0.00114491,
 -0.000908964, -0.00068878, -0.000488646,
 -0.000310508, -0.000154787, -0.0000209512,
 0.0000921089, 0.000185819, 0.000261754, 0.000321528,
 0.000366724, 0.000398853, 0.00041933, 0.000429463,
 0.000430447, 0.000423369, 0.000409211, 0.000388857,
 0.000363097, 0.000332642, 0.000298122, 0.000260101,
 0.000219081, 0.000175507, 0.000129776, 0.0000822394,
 0.0000332087, -0.0000170394, -0.0000682602,
 -0.000120237, -0.000172778, -0.000225714,
 -0.000278895, -0.000332189, -0.00038548,
 -0.000438666, -0.000491657, -0.000544375}

{0.000740193, -0.00570029, 0.00548625, 0.00467195,
 0.00170784, -0.000716378, -0.00220276, -0.00290322,
 -0.00304973, -0.00284044, -0.0024222, -0.00189735,
 -0.00133447, -0.00077795, -0.00025531, 0.000217446,
 0.000632076, 0.000985469, 0.00127782, 0.00151141,
 0.00168973, 0.00181694, 0.00189746, 0.00193576,
 0.00193617, 0.0019028, 0.00183952, 0.00174985,
 0.00163705, 0.00150407, 0.00135356, 0.00118792,
 0.00100931, 0.000819652, 0.000620656, 0.000413854,
 0.000200607, -0.0000178767, -0.000240525,
 -0.000466389, -0.000694628, -0.000924499,
 -0.00115535, -0.0013866, -0.00161774, -0.00184832,
 -0.00207796, -0.00230631, -0.00253308, -0.002758}

Iterations, corrections: {9, 0}
{ [____], 183.451, 1.16427}
{4.15198×10⁻⁶, 0.01}

{0.200876, 35.334}

Frequency indices: {2, 22, 26, 30, 35, 40, 45, 51, 56, 60, 63, 65, 69, 71, 77, 81, 86, 93, 97, 101}
Data frequencies: {4.08407, 133.204, 158.399, 182.464, 214.257, 244.353, 277.403, 315.604, 344.067, 370.457, 390.563, 401.747, 428.262, 438.818, 476.328, 503.22, 536.144, 579.058, 603.123, 630.518}
Not Normalized
TrueParams {1.92857, -3.80349, 0.0785676, 1.1048, -2.64874, -2.49204, 1.06448, -4.97941, 0.736645, 0.850669, 1.44253, -4.2609, -3.50461, -3.28933,
  -0.226825, 4.99925, 2.39062, -1.43835, -3.41084, -2.26627, 1.05819, 1.8836, 2.4098, -2.12466, -0.274348, -0.949683, -1.70572, 4.13693, -3.13935, 2.85468, 4.95099, -0.604701,
  0.560387, 4.71948, -2.31705, -1.0606, 4.52863, 1.44035, 1.58925, 3.47144, -3.09714, 4.86374, -3.67374, -1.11551, -1.56358, 1.51427, -2.81167, 4.05489, -3.96552, 0.401701}
InitialParams {-2.95646, 1.55245, -0.449227, -1.22071, -3.86644, 0.111245, -1.69386, -3.20839, -1.09876, 1.30513, -4.06962, -1.30037, 4.94914, -1.13898,
  -2.16023, -3.90441, -2.91488, 2.15857, -2.43575, 3.56147, 4.27102, -4.52217, 2.45039, -2.02233, 0.812916, 4.21763, -4.74748, 3.88984, -3.6335, 3.61615, -2.14729, 0.720938,
  -2.33639, -3.68297, 4.26835, -4.16264, -2.31887, 0.600807, -4.74837, -1.11894, -3.9958, -2.01471, 1.50497, 0.182947, 4.93837, 0.124006, -4.21823, -3.21177, 0.682096, -1.48598}
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 &
LSTemp and LSTolerance: 0.005 0.001