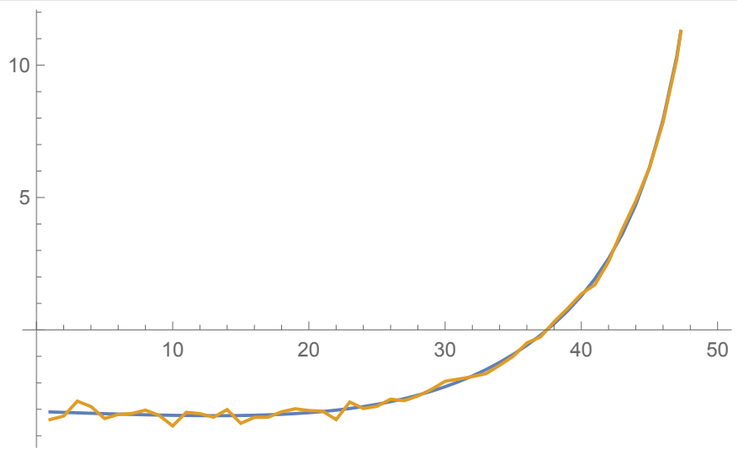
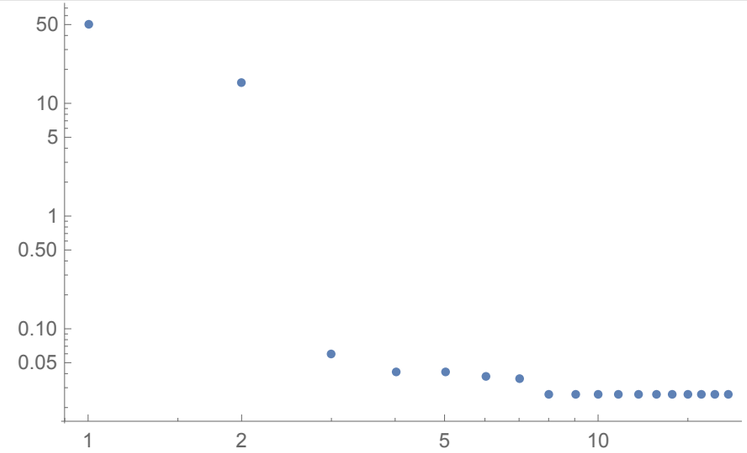
Out[598]=

Data vs Function	Parameter Space	Error over iterations
	Incorrect dimensionality	
Parameters, dir, Delta	**Iterations, corrections, α, β, LSTolerance, factor**	
{−3.08239, −0.901425, 0.522019, 0.233463, 6.26945, 5.77788, −1.69278, 3.2081, −3.06894, 0.0491099, 0.0656492, 5.15764, −2.84261, 0.860822, 0.448384, −1.861, 4.93297, −2.33934, −0.923157, 4.42788, 2.83833, −2.3338, 1.41787, 4.36072, 2.51208} {0.000641645, 0.000541282, 0.00045805, 0.000455634, 0.000406533, 0.000364976, 0.000337927, 0.000319903, 0.000306084, 0.000293926, 0.000282435, 0.000271394, 0.00026089, 0.000251073, 0.000242044, 0.000233836, 0.000226411, 0.000219681, 0.000213522, 0.000207797, 0.000202364, 0.000197087, 0.000191841, 0.000186516, 0.000181017} {−0.00130752, 0.0152937, −0.0485225, 0.0450443, 0.0159375, −0.0113868, −0.017828, −0.0128123, −0.00505045, 0.0012426, 0.00490389, 0.00623109, 0.00600389, 0.00499908, 0.0037992, 0.00275264, 0.0020011, 0.00152993, 0.00121972, 0.000890128, 0.000333372, −0.000661889, −0.00229488, −0.00474319, −0.00815783}	{17, 0} { , 7.96056, 31.7753} $\{4.80812 \times 10^{-6}, 0.01\}$	{0.228826, 51.6858}

Frequency indices: {2, 23}
Data frequencies: {4.27257, 138.481}
Not Normalized
TrueParams {−3.15877, −2.67296, 2.70219, 3.91663, 3.45145, 4.18934, −1.04733, −2.65507, 0.793267, −0.479209, −1.26659, 4.95895, 4.877, 3.57268, −3.96549, −2.21768, −0.74629, 1.18136, 1.64484, 4.29241, 2.11213, −2.06005, 1.14356, 2.95392, 2.31846}
InitialParams {0.167757, 0.509551, 0.200832, −1.79634, 3.68075, 3.2319, −3.94465, 1.32318, −4.60278, −1.19094, −0.954037, 4.28236, −3.64496, 0.0677441, −0.390009, −2.79013, 3.87633, −3.55244, −2.31478, 2.84159, 1.04628, −4.33849, −0.802862, 1.92339, −0.14008}
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 &
LSTemp and LSTolerance: 0.005 0.001