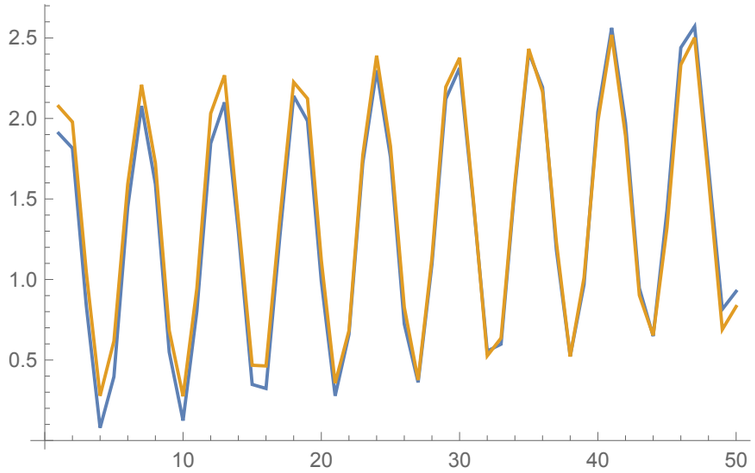
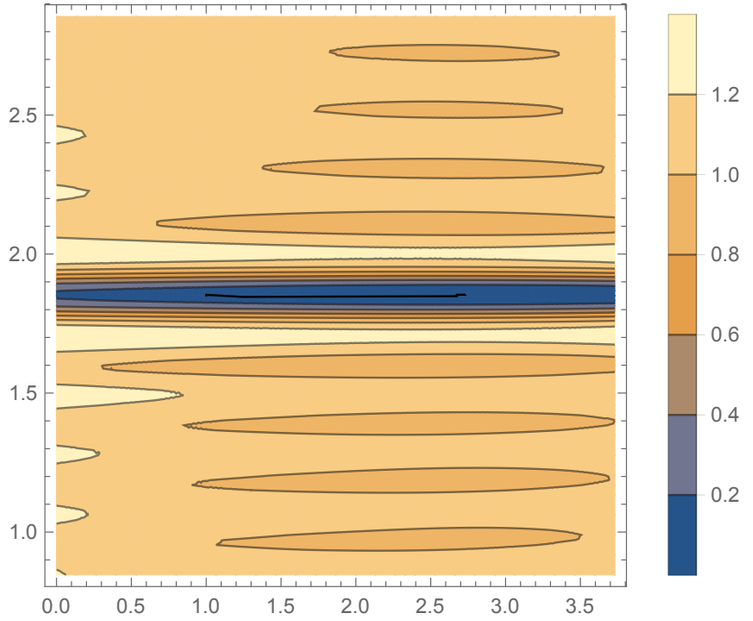
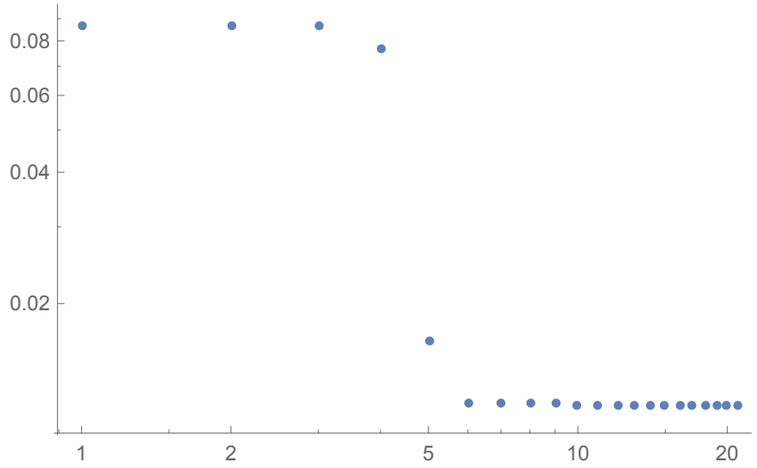
Out[1124]=

Data vs Function	Parameter Space	Error over iterations
		
Parameters, dir, Delta	**Iterations, corrections, α, β, LSTolerance, factor**	
{2.72881, 1.85407} $\{3.49927 \times 10^{-9}, -1.48463 \times 10^{-6}\}$ $\{-0.0000245113, -1.39154 \times 10^{-6}\}$	{20, 0} { , 0.00381966, 10.2761} {0.001, 0.01}	{0.110295, 1.08688}

Frequency indices: {1, 10, 23, 26}
Data frequencies: {0., 55.5434, 140.995, 160.096}
Not Normalized
TrueParams {1.7449, 1.85339}
InitialParams {1, 1.85145}
FitFunction: Exp[0.2*#1*#2] + Sin[30*#1*#3] &
LSTemp and LSTolerance: 0.005 0.001