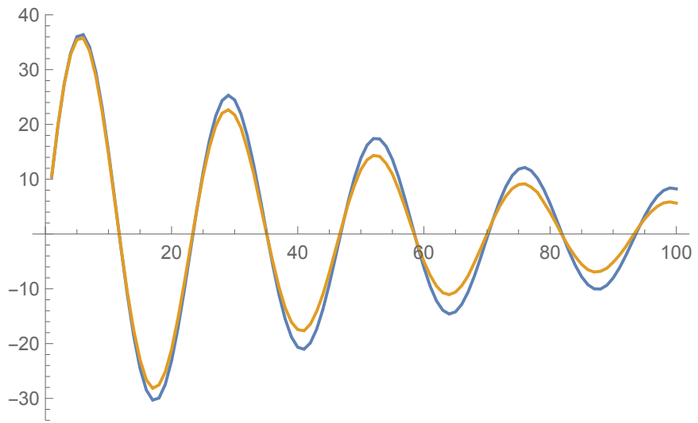
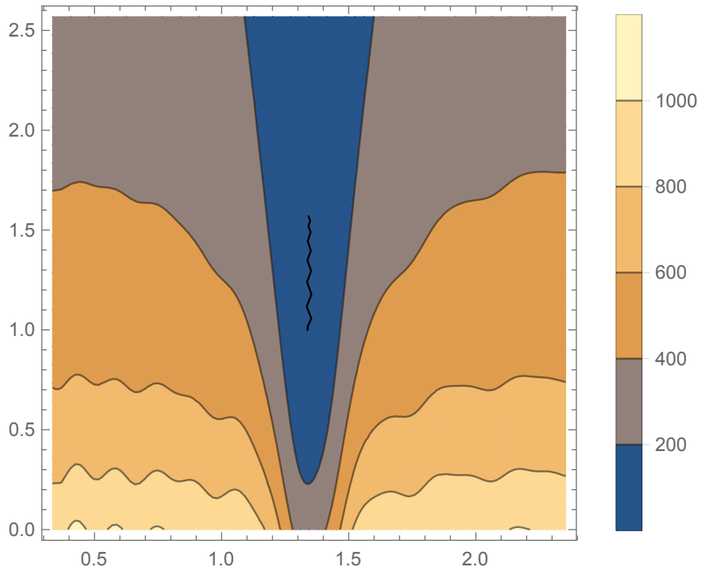
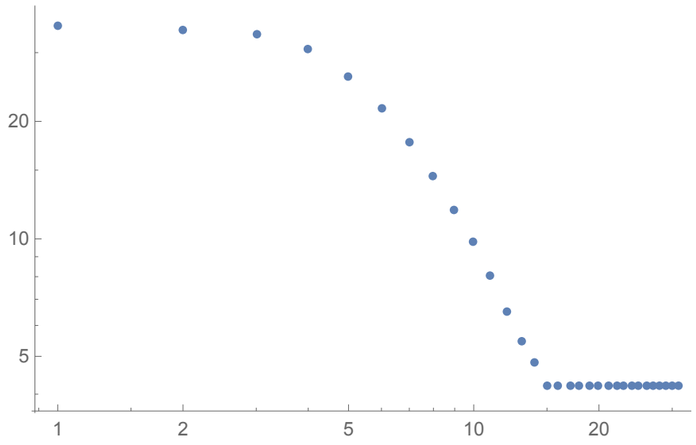
Out[5566]=

Data vs Function	Parameter Space	Error over iterations
		
Parameters, nGrad, dir, Delta	**Iterations, factor, corrections**	
{1.34256, 1.56857} {-47.8096, -22.9252} {-0.209884, -0.100642} {-0.104942, -0.0503208}	{30, 0.00438999, 15}	{2.076, 36.1296}

Frequency indices: {5, 33, 43, 48}
Data frequencies: {26.7664, 198.549, 261.004, 292.294}
Normalized
TrueParams {1.34526, 1.9745}
InitialParams {1.33832, 1.}
FitFunction: 40 Sin[20 #1 #2] Exp[-#1 #3] &
LSTemp and LSTolerance: 0.005 0.001