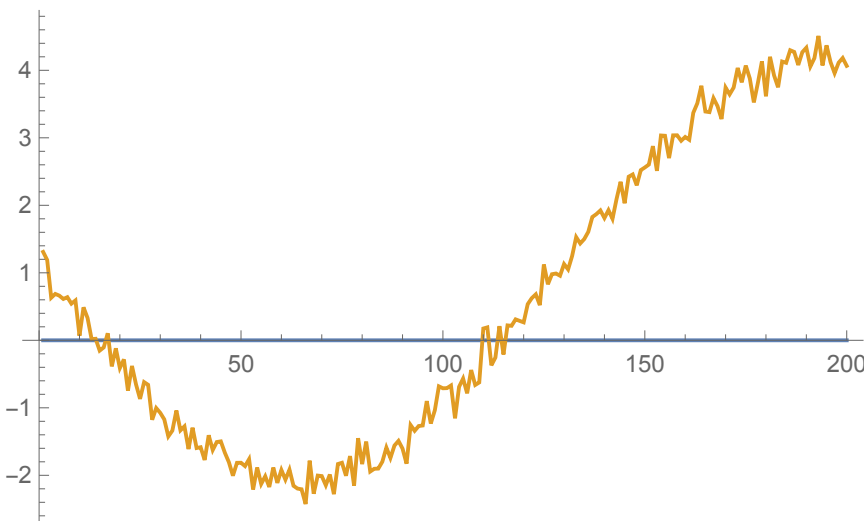
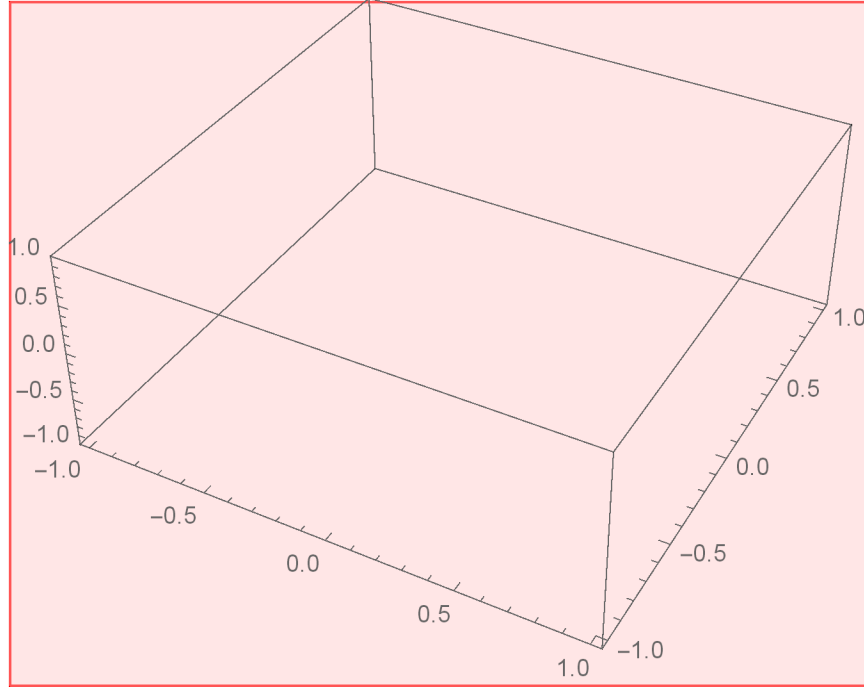
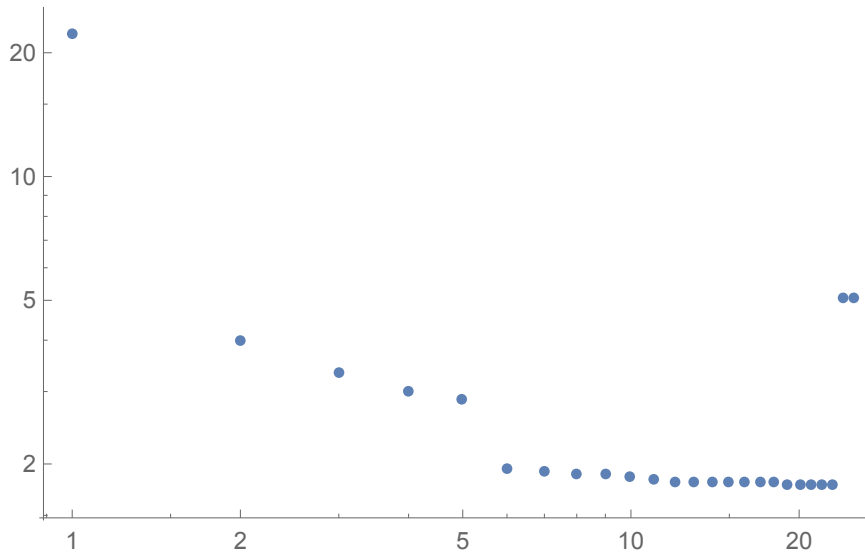


Out[239]=

Data vs Function	Parameter Space	Error over iterations
		
Parameters, dir, Delta	Iterations, corrections, $\alpha$ , $\beta$ , LSTolerance, factor	
$\{3.792577358902066 \times 10^{311},$ $1.487869666190374 \times 10^{312}, 1.039280352892372 \times 10^{313}\}$ $\{0., 0., 0.\}$ $\{0., 0., 0.\}$	$\{24, 81\}$ $\{\text{[redacted]}, 3.18612 \times 10^{-12}, 0.\}$ $\{9.81122 \times 10^{-6}, 0.01\}$	$\{2.26498, 23.39\}$

Frequency indices: {2, 17, 23, 31, 33, 35, 41, 46, 49, 55, 57, 68, 72, 76, 81, 84, 87, 90, 97, 101}  
Data frequencies: {5.27788, 102.981, 139.927, 191.072, 203.198, 210.675, 254.218, 280.67, 304.357, 341.931, 355.188, 424.995, 448.054, 474.129, 500.079, 519.494, 540.48, 559.392, 604.819, 631.334}  
Not Normalized  
TrueParams {4.88203, 0.838181, -3.10589}  
InitialParams {2.93863, 1.60681, 4.0861}  
FitFunction:  $4 \sin(\pi x) + 3$  &  
LSTemp and LSTolerance: 0.005 0.001