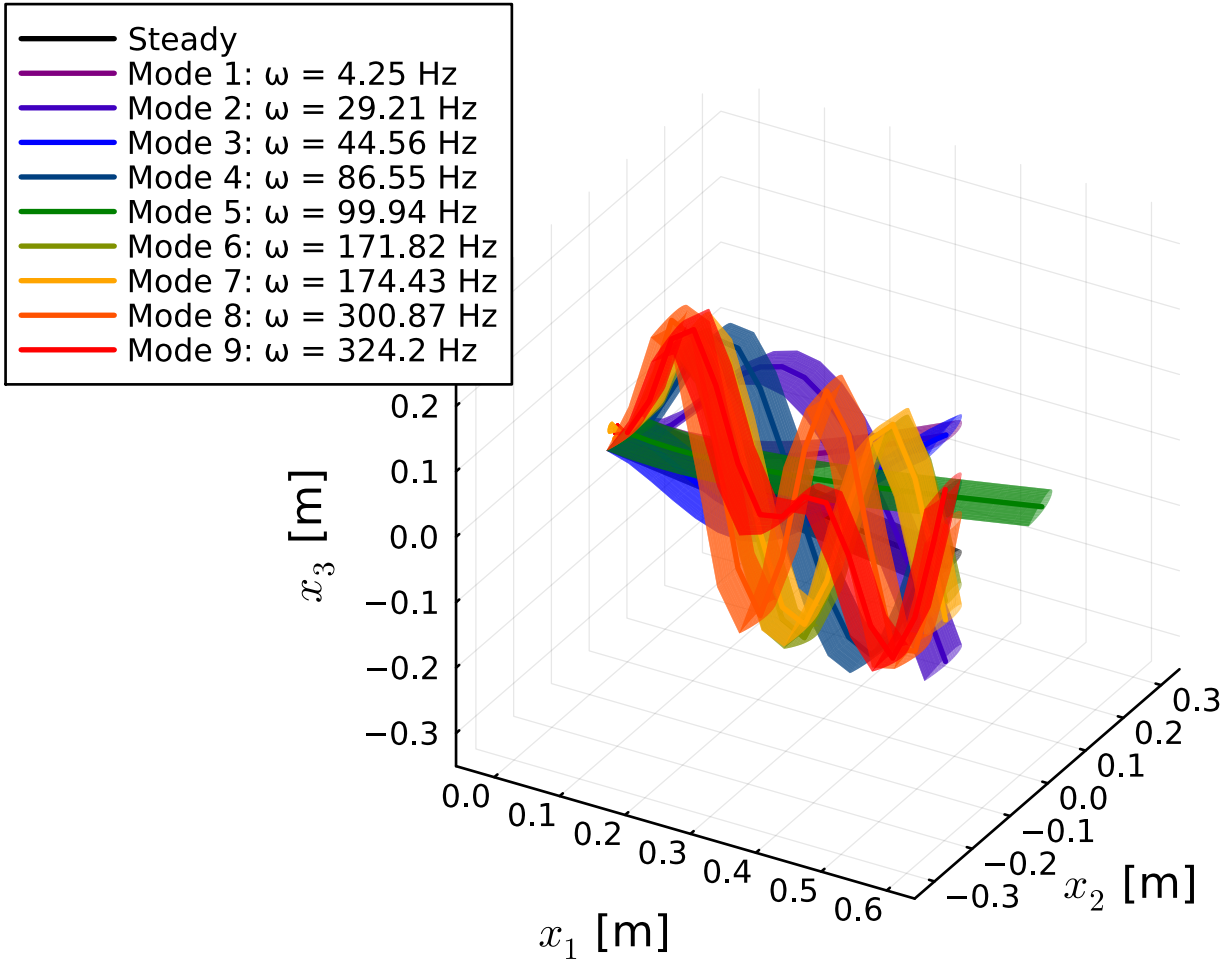

Steady
Mode 1: ω = 4.25 Hz
Mode 2: ω = 29.21 Hz
Mode 3: ω = 44.56 Hz
Mode 4: ω = 86.55 Hz
Mode 5: ω = 99.94 Hz
Mode 6: ω = 171.82 Hz
Mode 7: ω = 174.43 Hz
Mode 8: ω = 300.87 Hz
Mode 9: ω = 324.2 Hz
x_3 [m]
0.2
0.1
0.0
−0.1
−0.2
−0.3
0.0
0.1
0.2
0.3
0.4
0.5
0.6
x_1 [m]
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
x_2 [m]