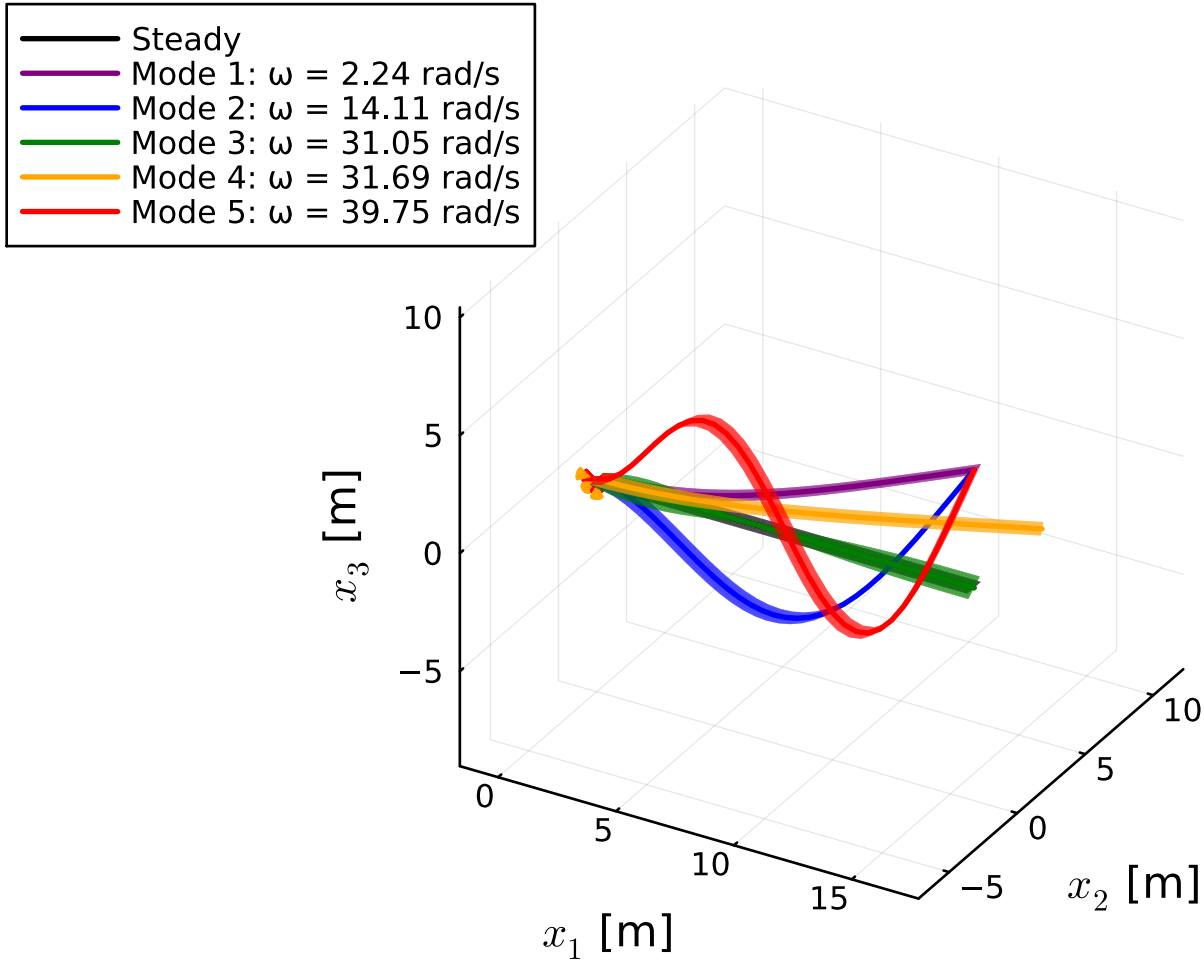

Steady
Mode 1: ω = 2.24 rad/s
Mode 2: ω = 14.11 rad/s
Mode 3: ω = 31.05 rad/s
Mode 4: ω = 31.69 rad/s
Mode 5: ω = 39.75 rad/s
10
5
0
−5
x_3 [m]
0
5
10
15
x_1 [m]
10
5
0
−5
x_2 [m]