

- Steady
- Mode 1: $\sigma = -3.22 \pm 1.92i$ rad/s
- Mode 2: $\sigma = -0.779 \pm 6.93i$ rad/s
- Mode 3: $\sigma = -2.18 \pm 13.5i$ rad/s
- Mode 4: $\sigma = -1.78 \pm 37.2i$ rad/s
- Mode 5: $\sigma = -0.691 \pm 41.0i$ rad/s
- Mode 6: $\sigma = -1.77 \pm 75.7i$ rad/s

