

- Steady
- Mode 1: $\sigma = -2.93 \pm 2.12i$ rad/s
- Mode 2: $\sigma = -0.869 \pm 6.41i$ rad/s
- Mode 3: $\sigma = -2.16 \pm 13.4i$ rad/s
- Mode 4: $\sigma = -1.78 \pm 36.9i$ rad/s
- Mode 5: $\sigma = -0.668 \pm 40.7i$ rad/s
- Mode 6: $\sigma = -1.77 \pm 75.4i$ rad/s

