

- Steady
- Mode 1: $\sigma = -0.0139 \pm 0.384i$ rad/s
- Mode 2: $\sigma = -3.09 \pm 0.732i$ rad/s
- Mode 3: $\sigma = -0.579 \pm 0.765i$ rad/s
- Mode 4: $\sigma = -2.03 \pm 2.6i$ rad/s
- Mode 5: $\sigma = -7.06 \pm 4.26i$ rad/s

