

- Steady
- Mode 1: $\sigma = -1.66 \pm 0.0548i$ rad/s
- Mode 2: $\sigma = -2.63 \pm 2.31i$ rad/s
- Mode 3: $\sigma = -0.987 \pm 5.95i$ rad/s
- Mode 4: $\sigma = -2.13 \pm 13.3i$ rad/s
- Mode 5: $\sigma = -1.78 \pm 36.6i$ rad/s
- Mode 6: $\sigma = -0.64 \pm 40.3i$ rad/s

