

- Steady
- Mode 1: $\sigma = -0.052 \pm 0.05i$ rad/s
- Mode 2: $\sigma = -0.0272 \pm 0.39i$ rad/s
- Mode 3: $\sigma = -3.98 \pm 0.67i$ rad/s
- Mode 4: $\sigma = -0.448 \pm 0.84i$ rad/s
- Mode 5: $\sigma = -1.51 \pm 2.14i$ rad/s
- Mode 6: $\sigma = -6.27 \pm 3.98i$ rad/s

