

- Steady
- Mode 1: $\sigma = -0.0431 \pm 0.41i$ rad/s
- Mode 2: $\sigma = -0.337 \pm 0.96i$ rad/s
- Mode 3: $\sigma = -1.01 \pm 1.95i$ rad/s
- Mode 4: $\sigma = -4.98 \pm 3.58i$ rad/s
- Mode 5: $\sigma = -7.12 \pm 3.61i$ rad/s
- Mode 6: $\sigma = -1.5 \pm 6.81i$ rad/s

