

- Steady
- Mode 1:  $\sigma = -0.0015 \pm 0.02i$  rad/s
- Mode 2:  $\sigma = -0.0163 \pm 0.37i$  rad/s
- Mode 3:  $\sigma = -3.12 \pm 0.72i$  rad/s
- Mode 4:  $\sigma = -0.577 \pm 0.77i$  rad/s
- Mode 5:  $\sigma = -2.1 \pm 2.48i$  rad/s
- Mode 6:  $\sigma = -7.1 \pm 4.33i$  rad/s

