

- Steady
- Mode 1:  $\sigma = -0.0403 \pm 0.4i$  rad/s
- Mode 2:  $\sigma = -0.325 \pm 0.96i$  rad/s
- Mode 3:  $\sigma = -1.06 \pm 1.9i$  rad/s
- Mode 4:  $\sigma = -4.94 \pm 3.57i$  rad/s

