

- Steady
- Mode 1:  $\sigma = -1.82 \pm 0.0498$  rad/s
- Mode 2:  $\sigma = -0.0449 \pm 0.436$  rad/s
- Mode 3:  $\sigma = -0.244 \pm 1.1$  rad/s
- Mode 4:  $\sigma = -0.646 \pm 1.76$  rad/s
- Mode 5:  $\sigma = -7.07 \pm 2.87$  rad/s

