

- Steady
- Mode 1:  $\sigma = -2.84 \pm 23.7i$  rad/s
- Mode 2:  $\sigma = -17.2 \pm 28.74i$  rad/s
- Mode 3:  $\sigma = 1.23 \pm 51.28i$  rad/s
- Mode 4:  $\sigma = 20.1 \pm 62.57i$  rad/s
- Mode 5:  $\sigma = 27.7 \pm 63.75i$  rad/s
- Mode 6:  $\sigma = -6.07 \pm 86.05i$  rad/s
- Mode 7:  $\sigma = -23.7 \pm 112.08i$  rad/s
- Mode 8:  $\sigma = -16.8 \pm 122.06i$  rad/s

