

- 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

