



- $\alpha \approx 0.808 \left(\omega_1 = \frac{\pi}{8} \right)$
- $\alpha \approx 0.493 \left(\omega_1 = \frac{\pi}{4} \right)$
- $\alpha \approx 0.102 \left(\omega_1 = \frac{3\pi}{8} \right)$
- $\alpha \approx -0.303 \left(\omega_1 = \frac{\pi}{2} \right)$
- $\alpha \approx -0.663 \left(\omega_1 = \frac{5\pi}{8} \right)$

$$k \approx 3.297 \left(\theta_p = \frac{\pi}{2}, \Delta\omega = \frac{3\pi}{16} \right)$$

