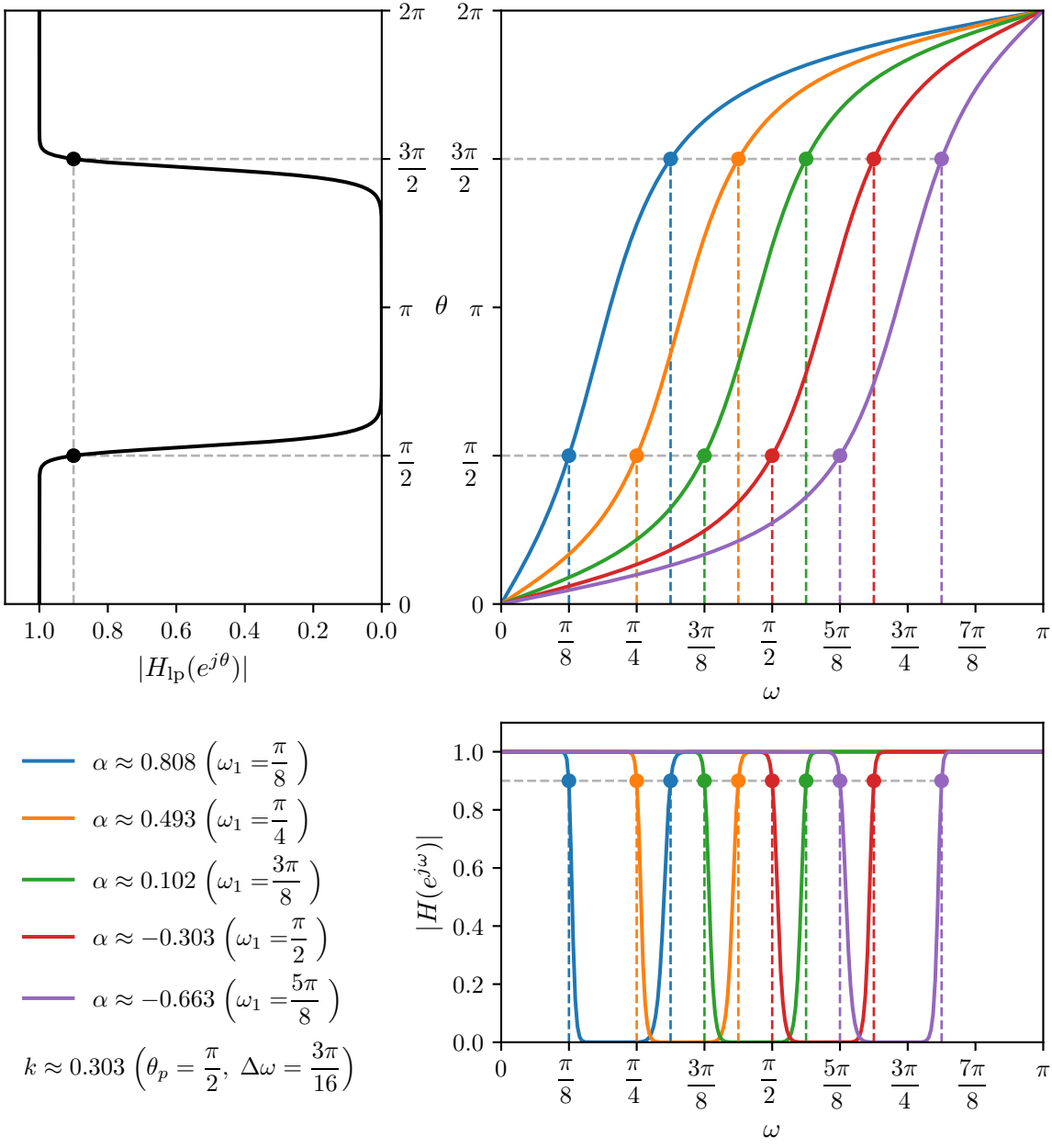
2π
$\frac{3\pi}{2}$
π
$\frac{\pi}{2}$
0
θ
1.0
0.8
0.6
0.4
0.2
0.0
$|H_{\mathrm{lp}}(e^{j\theta})|$
$\frac{\pi}{8}$
$\frac{\pi}{4}$
$\frac{3\pi}{8}$
$\frac{\pi}{2}$
$\frac{5\pi}{8}$
$\frac{3\pi}{4}$
$\frac{7\pi}{8}$
ω
$\alpha \approx 0.808 \left(\omega_1 = \frac{\pi}{8}\right)$
$\alpha \approx 0.493 \left(\omega_1 = \frac{\pi}{4}\right)$
$\alpha \approx 0.102 \left(\omega_1 = \frac{3\pi}{8}\right)$
$\alpha \approx -0.303 \left(\omega_1 = \frac{\pi}{2}\right)$
$\alpha \approx -0.663 \left(\omega_1 = \frac{5\pi}{8}\right)$
$k \approx 0.303 \left(\theta_p = \frac{\pi}{2},\ \Delta\omega = \frac{3\pi}{16}\right)$
1.0
0.8
0.6
0.4
0.2
0.0
$|H(e^{j\omega})|$