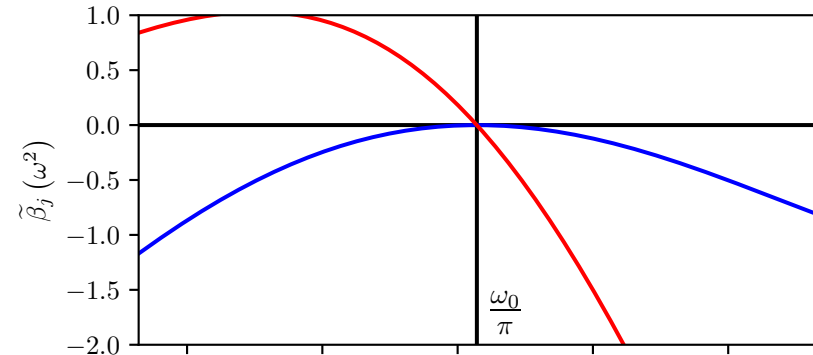


Eigenvalue branches near $\omega_0 = 1.414\pi, \alpha_1 = 0.25$

$\theta = -0.619\pi$



$\theta = 0.500\pi$

