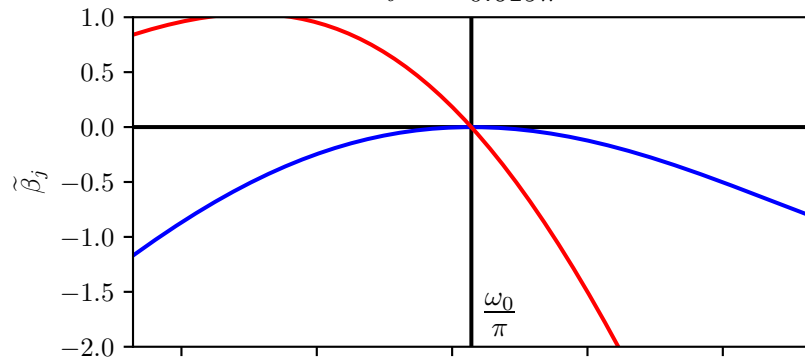


Eigenvalue branches near  $\omega_0 = 1.414\pi, \alpha = 0.25$

$\theta = -0.619\pi$



$\theta = 0.500\pi$

