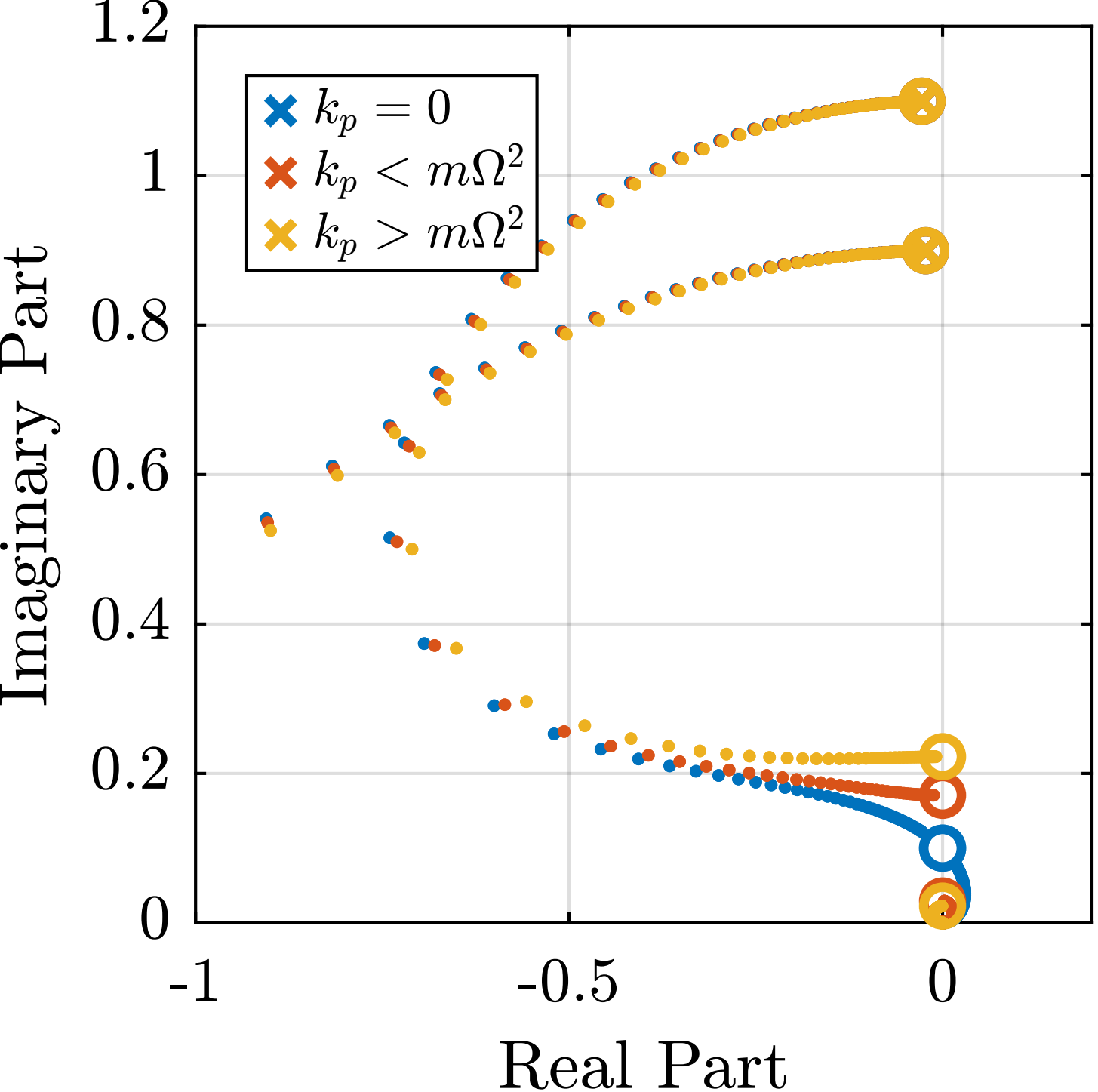
$k_p = 0$
$k_p < m\Omega^2$
$k_p > m\Omega^2$
1.2
1
0.8
0.6
0.4
0.2
0
-1
-0.5
0
Imaginary Part
Real Part