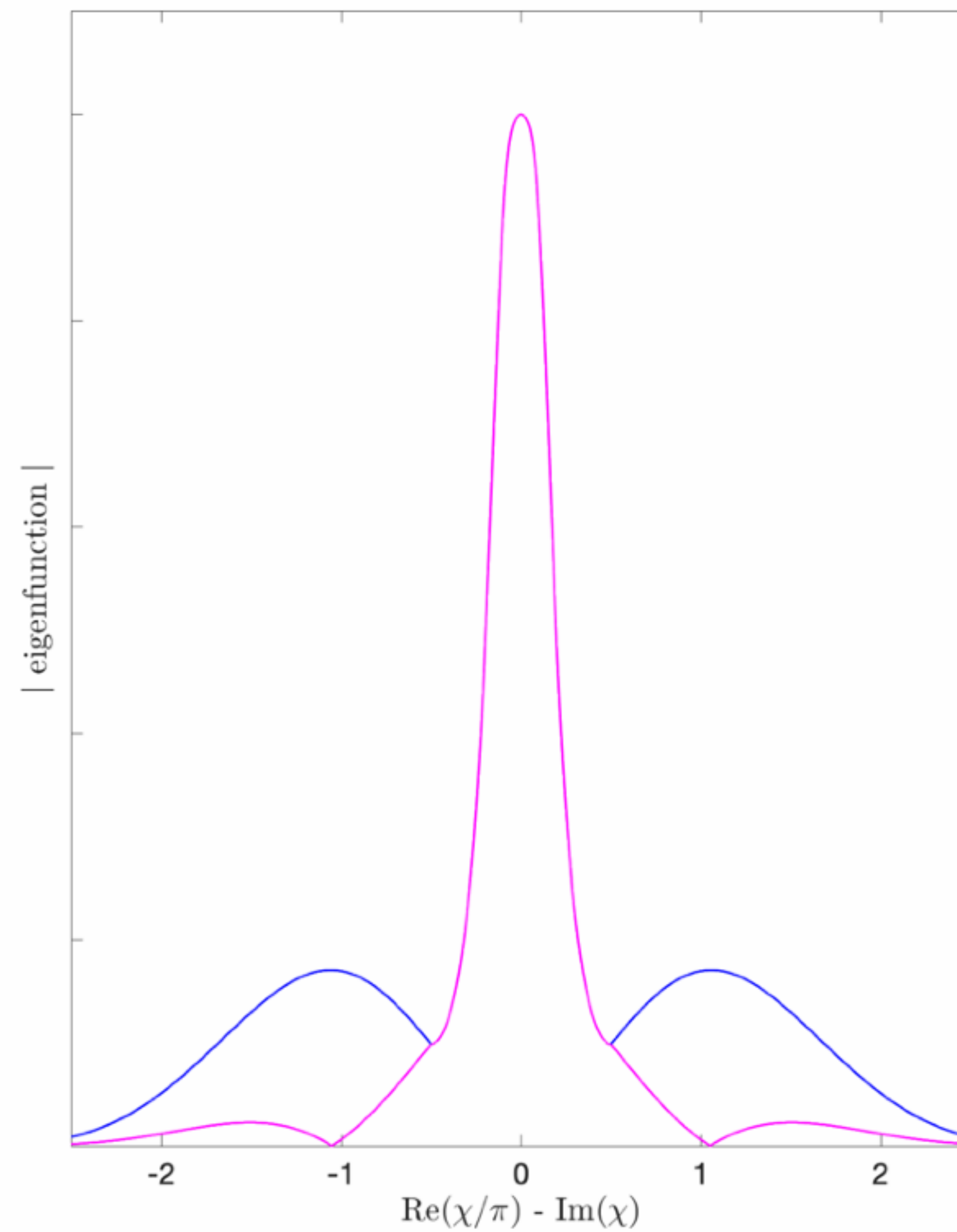
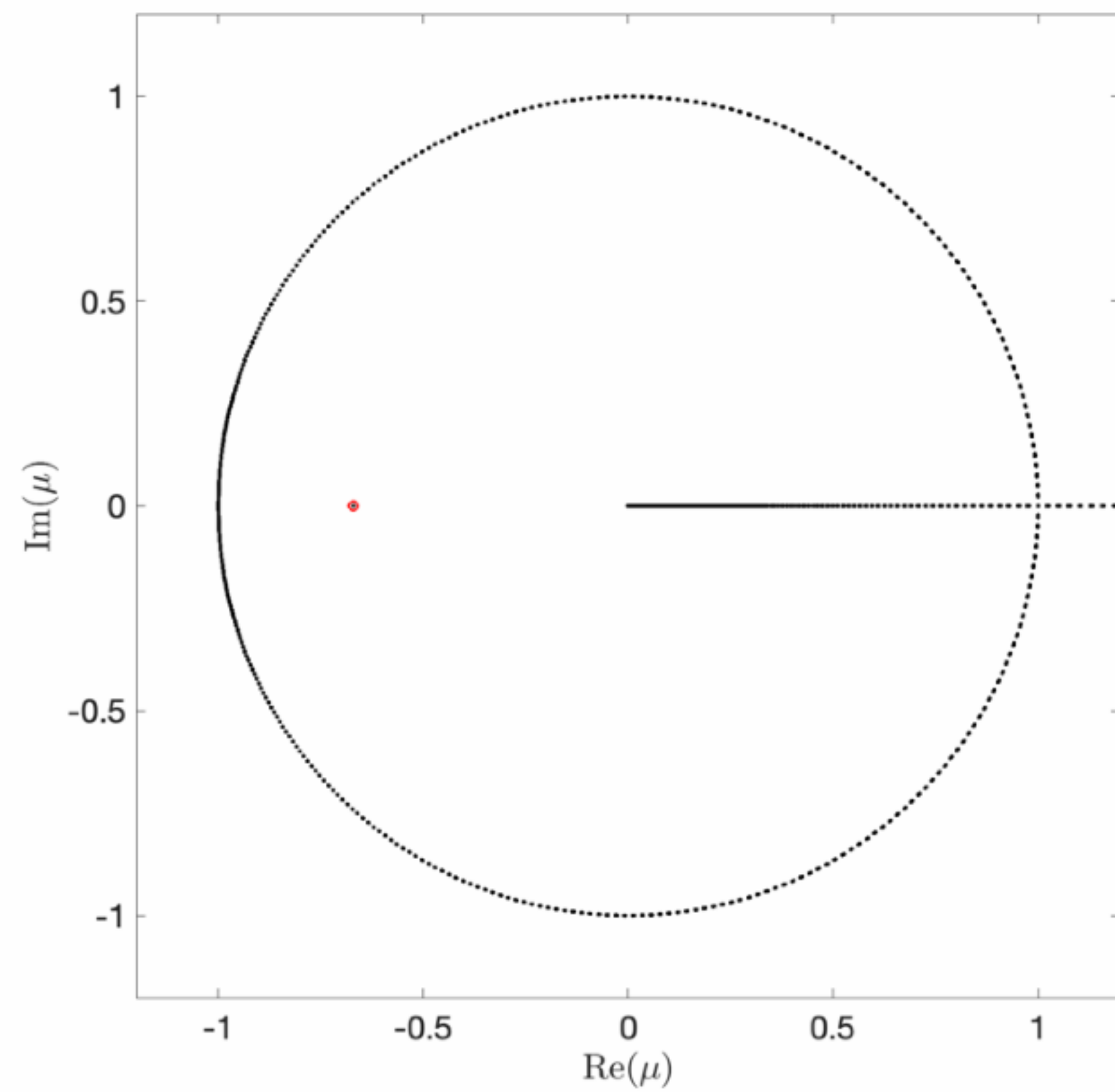


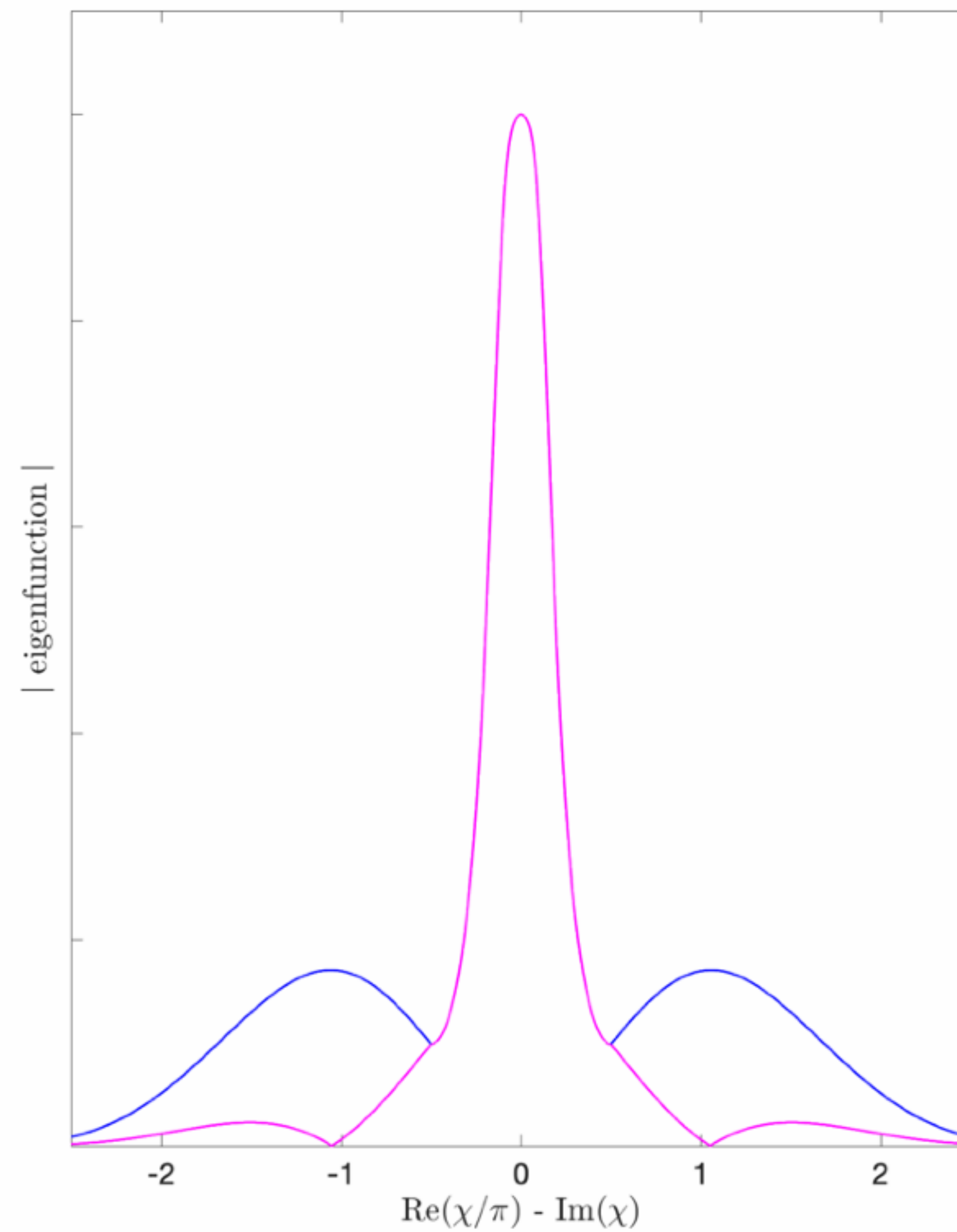
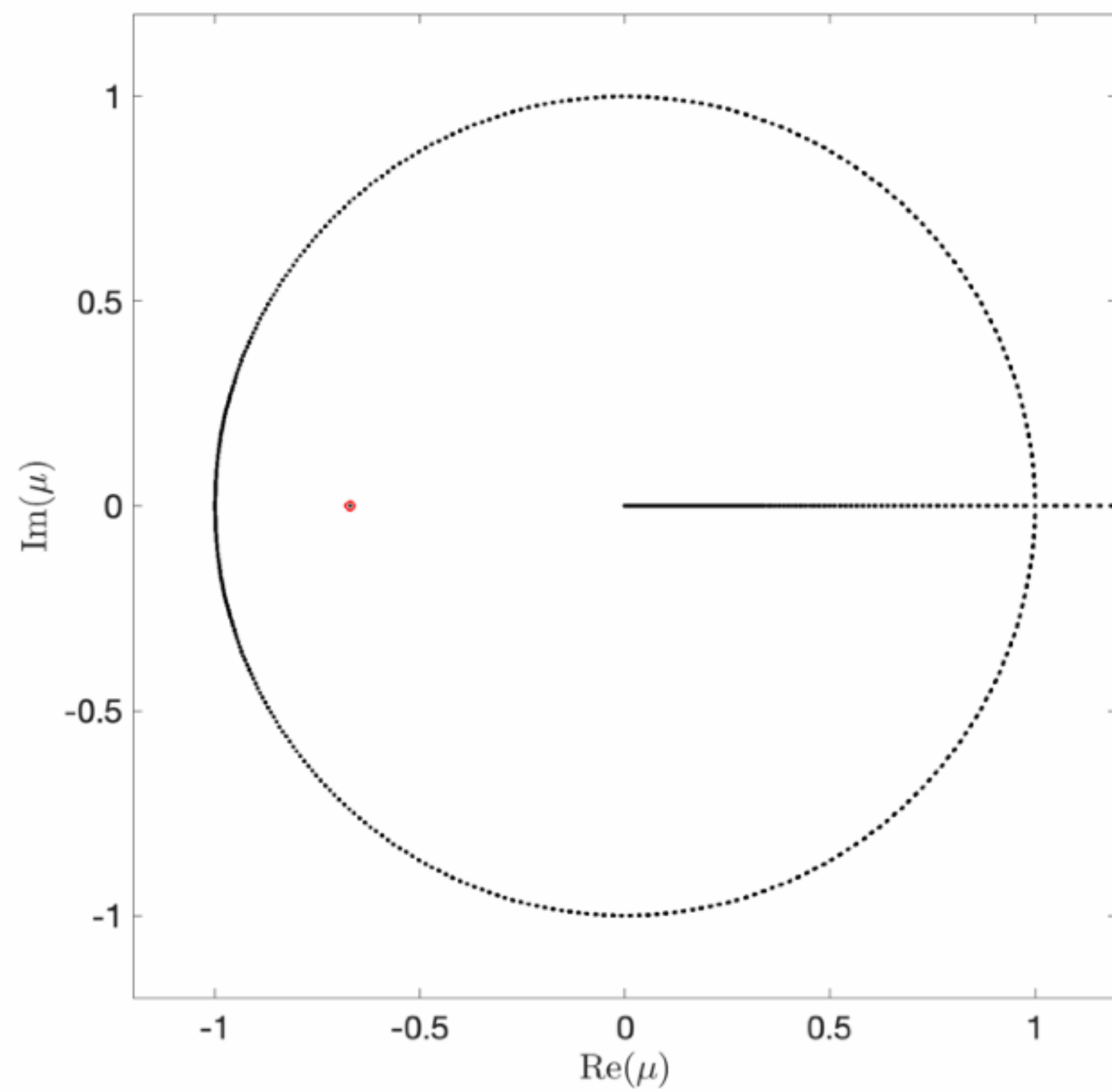
Rayleigh–Bloch waves above cut-off: $a = 0.25$

`evals_efns_above_cutoff_a-0.25_lam-0.00_v1.gif`

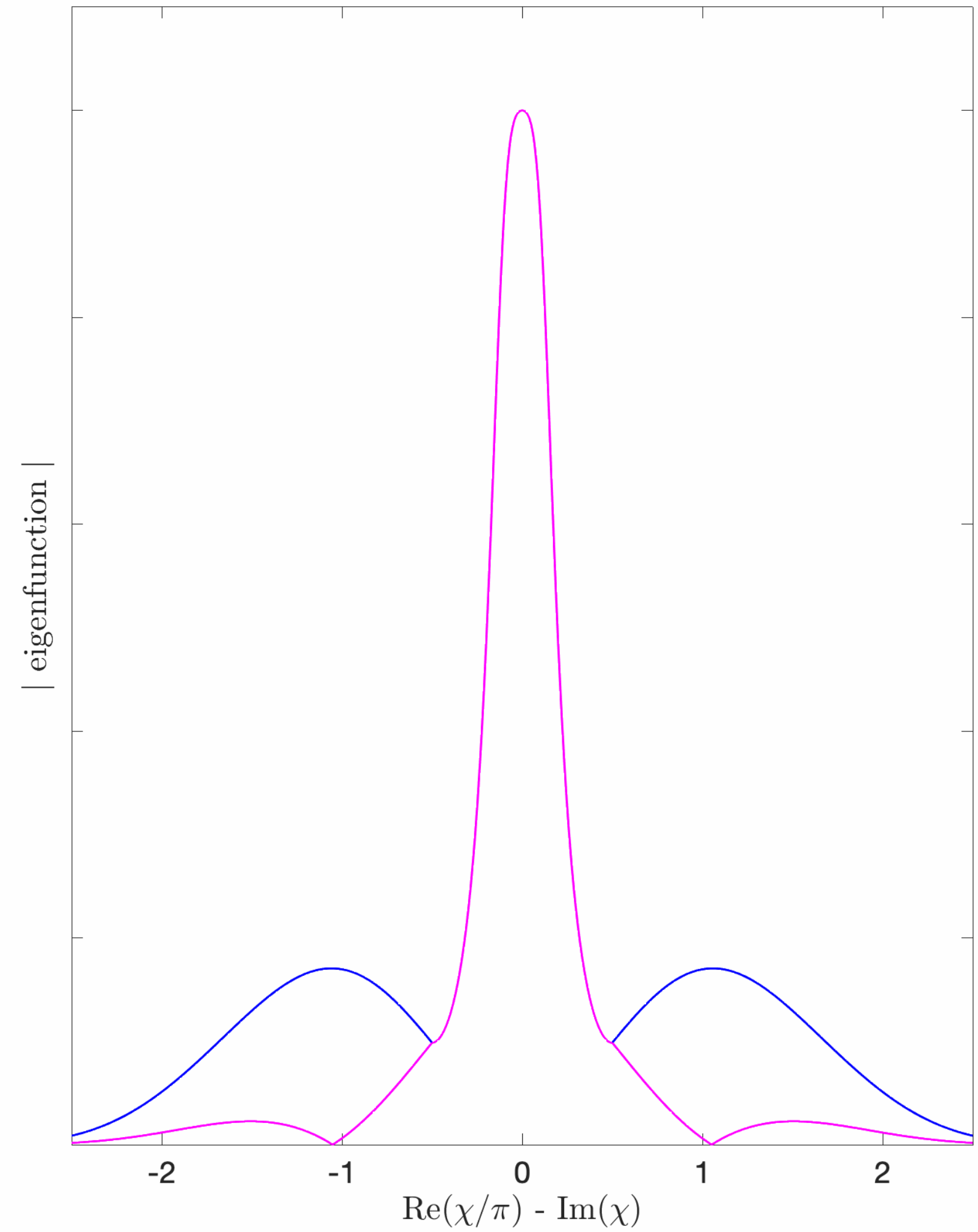
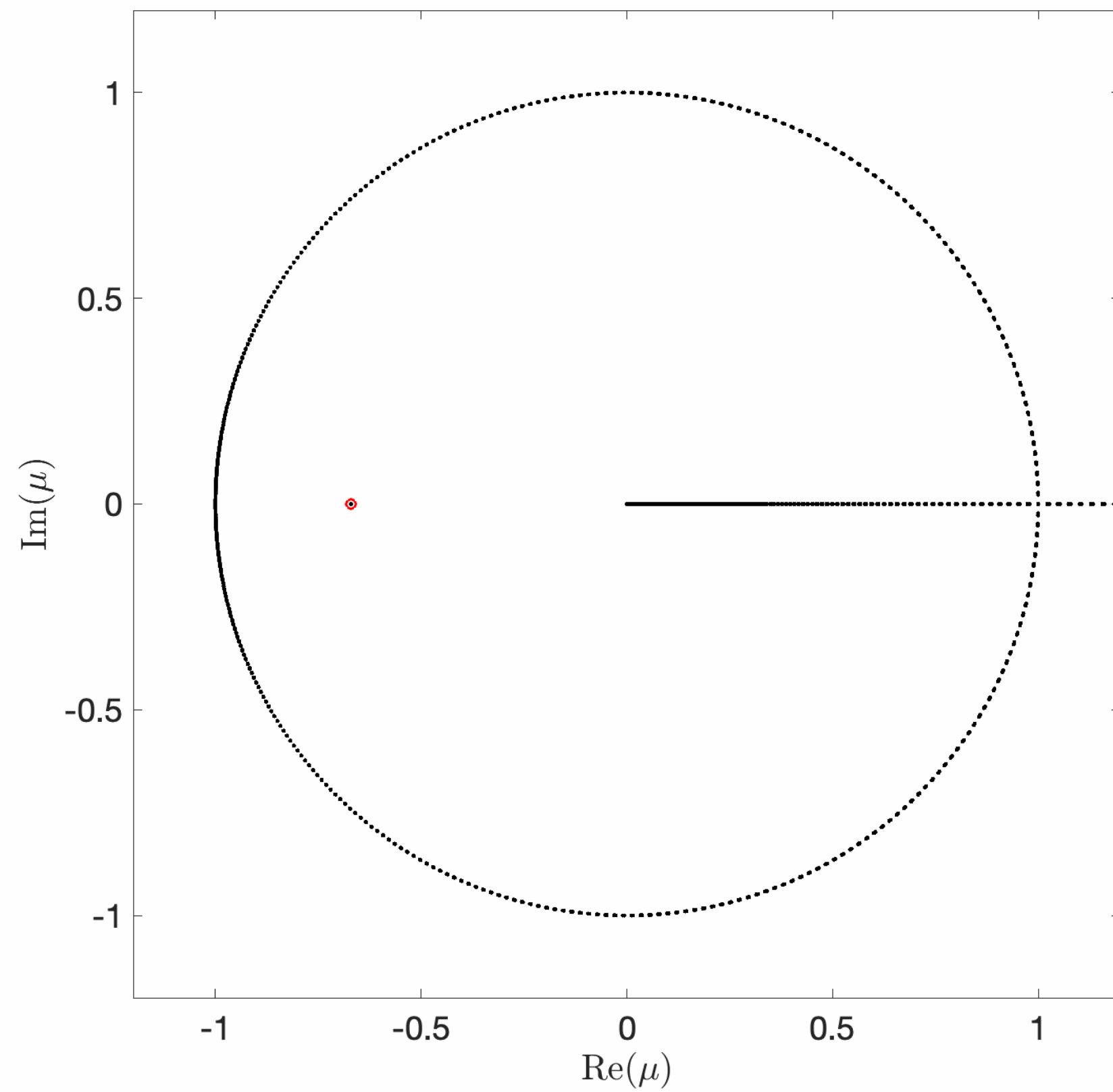
$$k = 1.00\pi; \beta = 1.00\pi + 0.40i$$



$$k = 1.00\pi; \beta = 1.00\pi + 0.40i$$

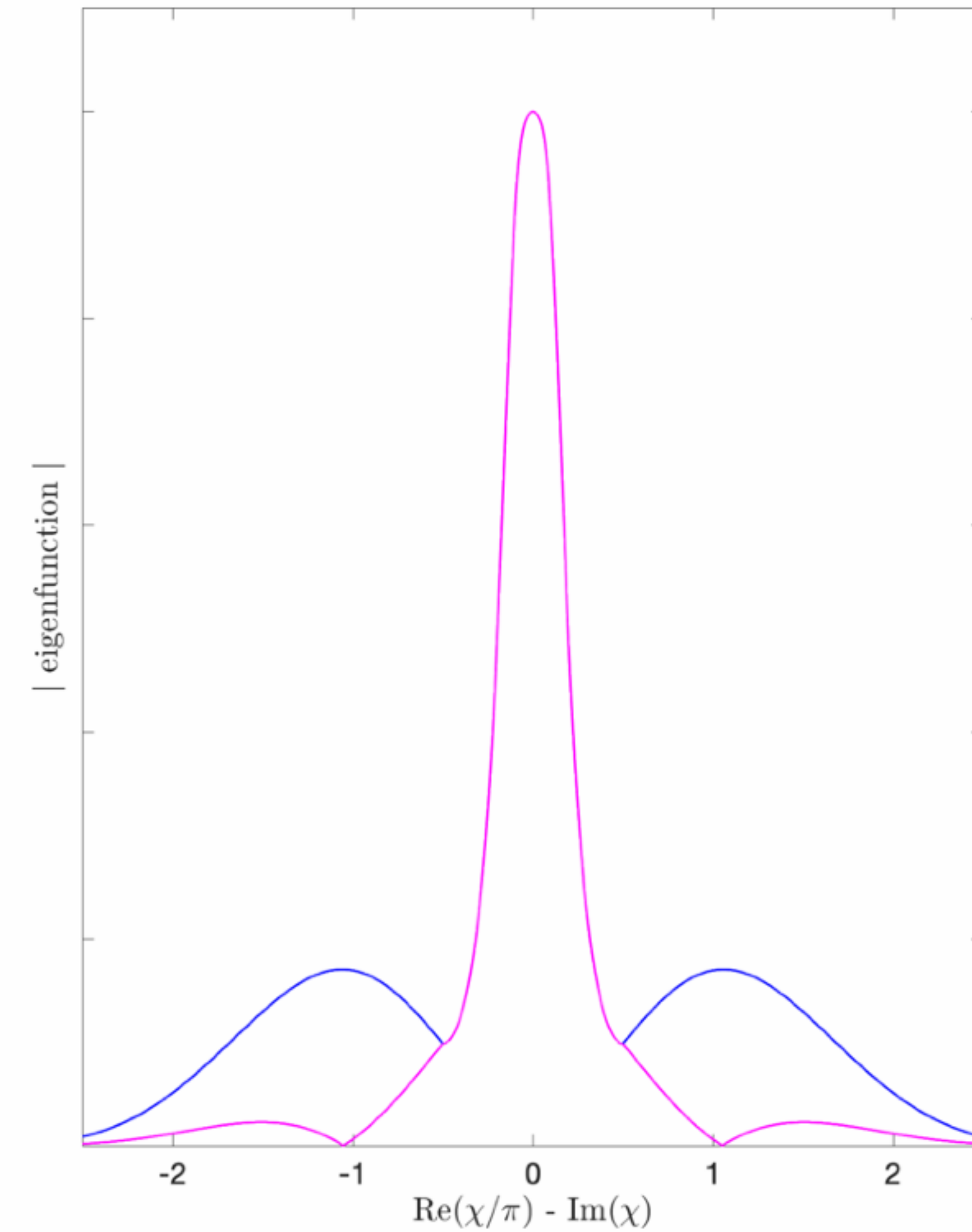
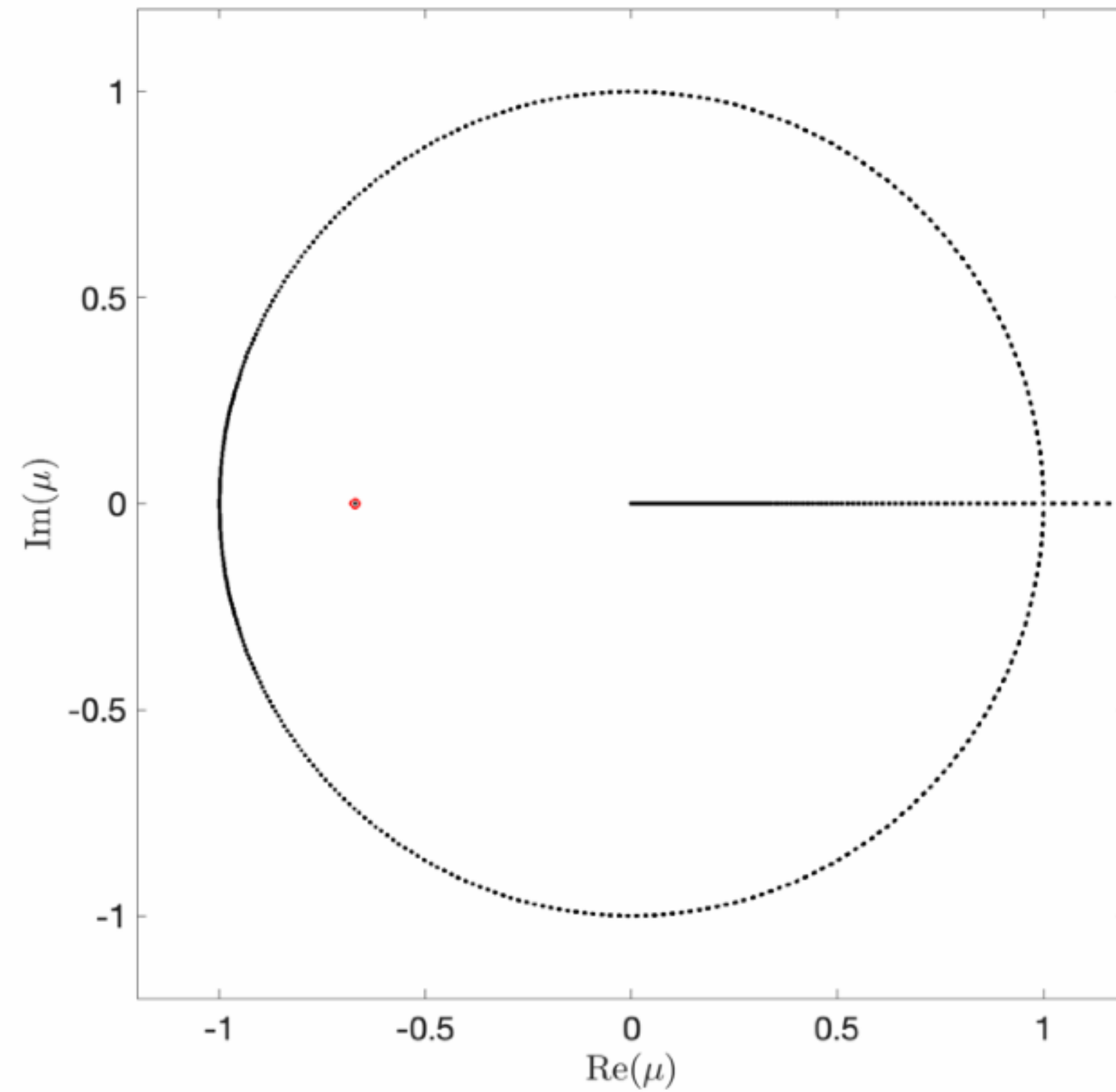


$$k = 1.00\pi; \beta = 1.00\pi + 0.40i$$



Rayleigh–Bloch waves above cut-off: $a = 0.25$

$$k = 1.00\pi; \beta = 1.00\pi + 0.40i$$



Add artificial damping with parameter λ

Modified boundary condition

- $\phi_n = 0 \mapsto \phi_n + i\lambda\phi = 0$ on δC

