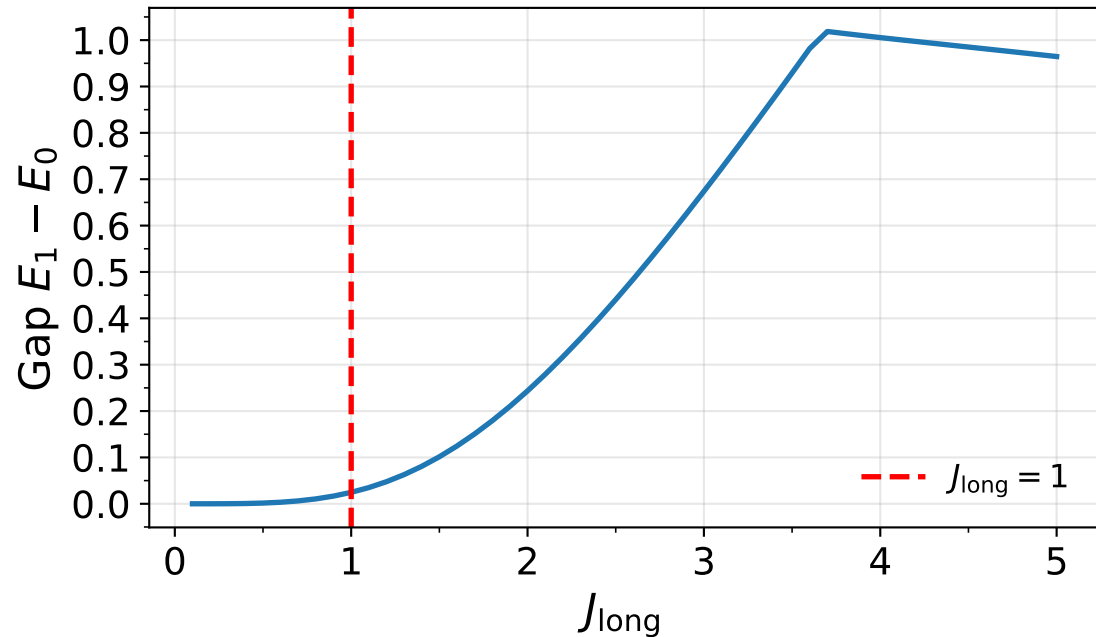


Spectral gap (LFIM with $J_z = 1$, $N = 10$, $\alpha = 0.5$)Lowest 6 eigenvalues (LFIM with $J_z = 1$, $N = 10$, $\alpha = 0$)