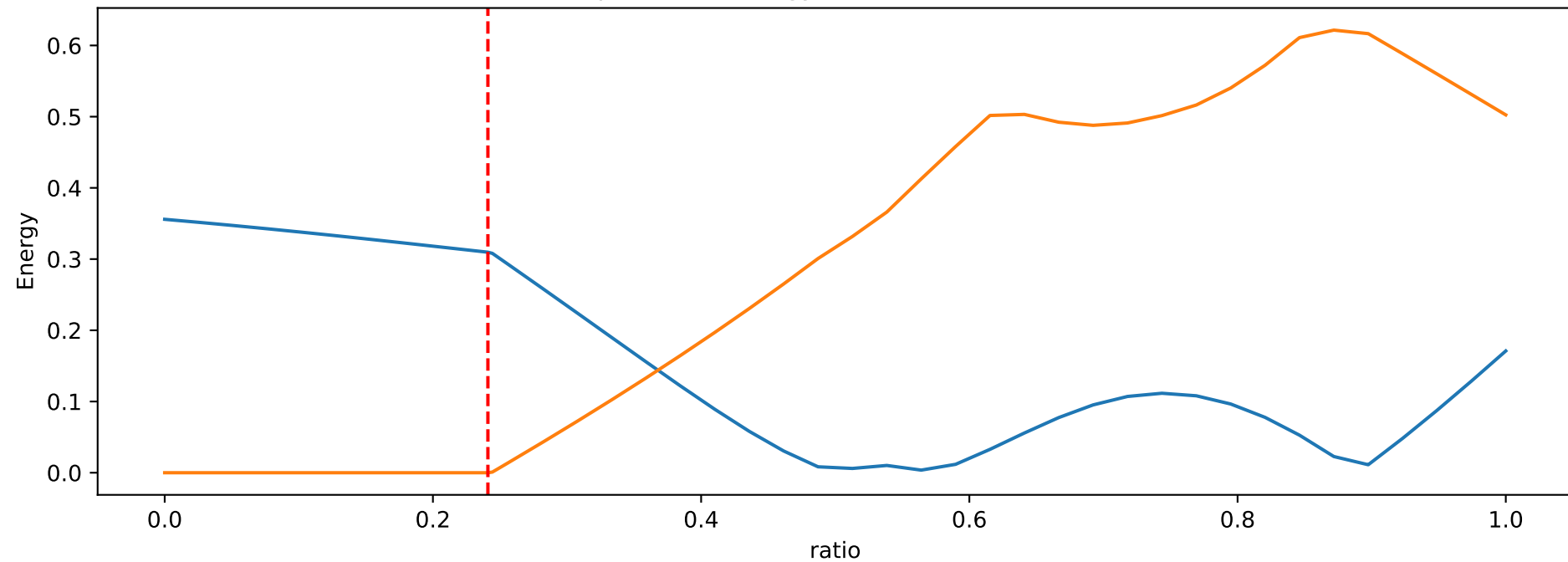


Gaps in low energy states wrt J'/J , $N = 12$



- Difference between two lowest energy eigenstates
- Difference between second and third lowest energy eigenstates
- - - Transition at 0.241