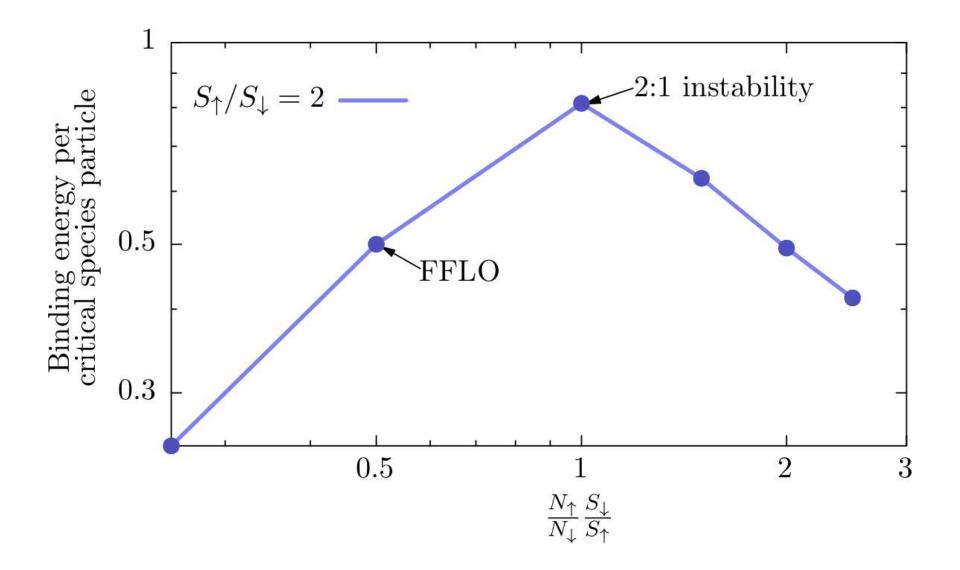


A multi-particle superconductor?

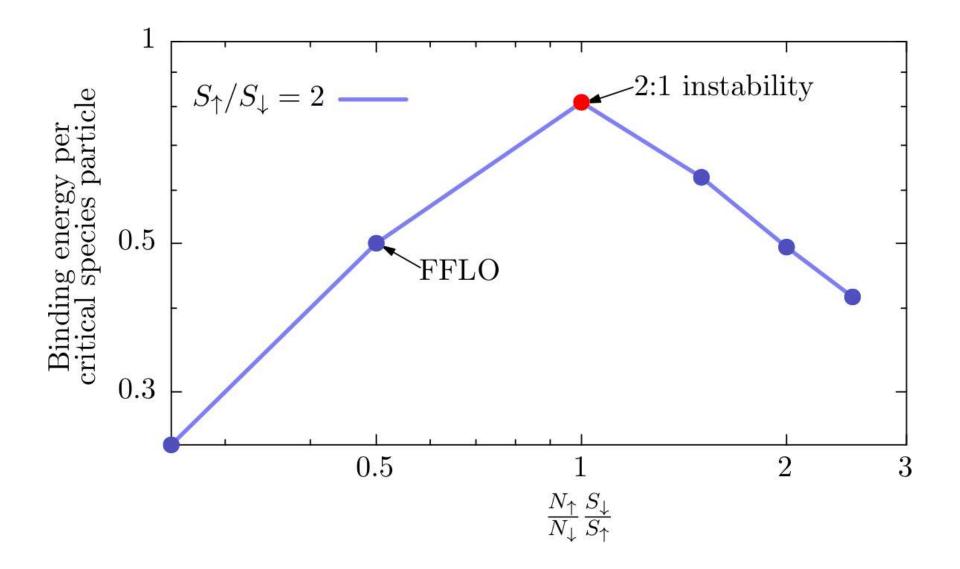
Gareth Conduit Thomas Whitehead

TCM Group, Department of Physics

## Exact diagonalization for 2:1 system



## Analytical result for 2:1 system



## Exact diagonalization for S:1 system

