

- TFIM ( $N_{BC}\Gamma$ )
- Heisenberg ( $N_{BC}$ )
- $J_1$ - $J_2$  ( $N_{BC}J_2$ )
- $t$ - $V$  ( $N_s BC N_f V$ )
- Hubbard ( $N_s BC N_{\uparrow} U$ )
- Impurity (model  $N_b$ )

- Chain
- Rectangular
- Triangular
- Diagonal
- Kagome
- Shuriken
- Pyrochlore
- Impurity

