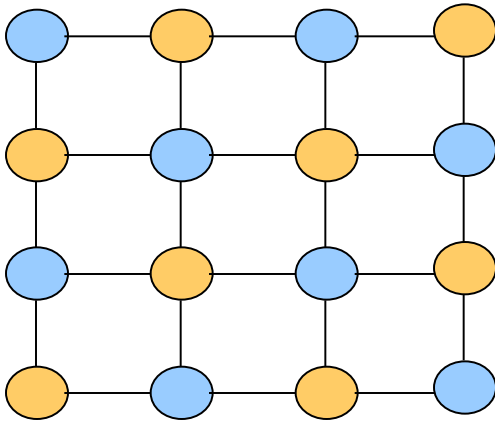


Example :



4-connected lattice

Supermodular

$$\psi_{ij}(0, 0) + \psi_{ij}(1, 1) \geq \psi_{ij}(1, 0) + \psi_{ij}(0, 1)$$

Swap $0 \leftrightarrow 1$ for black chessboard vertices