Ising model

$$y_i \in \{-1, +1\}$$

$$\mathrm{Nbr}(i)$$

$$N$$
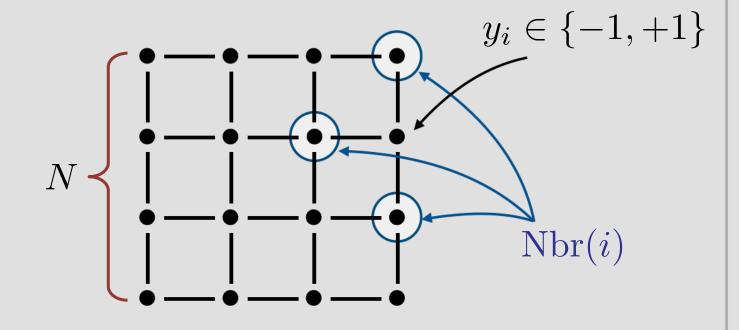
$$p(y) \propto \exp(\frac{1}{2}J\sum_i \sum_{j \in \mathrm{Nbr}(i)} y_i y_j + \sum_i b_i y_i)$$

$$\phi(y)$$