$$\mathbf{x}^* = \arg \min_{\mathbf{x}} \sum_{i \in \mathcal{V}} \boxed{\psi_i(0)}(1 - x_i) + \boxed{\psi_i(1)}x_i + \sum_{i,j \in \mathcal{E}} \left(K_{ij}(1 - x_i)x_j + K_{ij}(1 - x_j)x_i \right)$$

Could be arbitrary