

$$\psi_i(y) = \begin{cases} 1 & \text{if } \sum_{e \in \delta(i)} y_e \leq 1 \\ 0 & \text{otherwise} \end{cases} \quad \psi_C(y) = \begin{cases} 0 & \text{if } \sum_{e \in \delta(i_C)} y_e > |C| - 1 \\ 0 & \text{if } \sum_{j \in V(C)} (-1)^{d_C(j,e)} y_{i_C,j} \notin \{0, 2\} \text{ for some } e \in E(C) . \\ 1 & \text{otherwise} \end{cases}$$