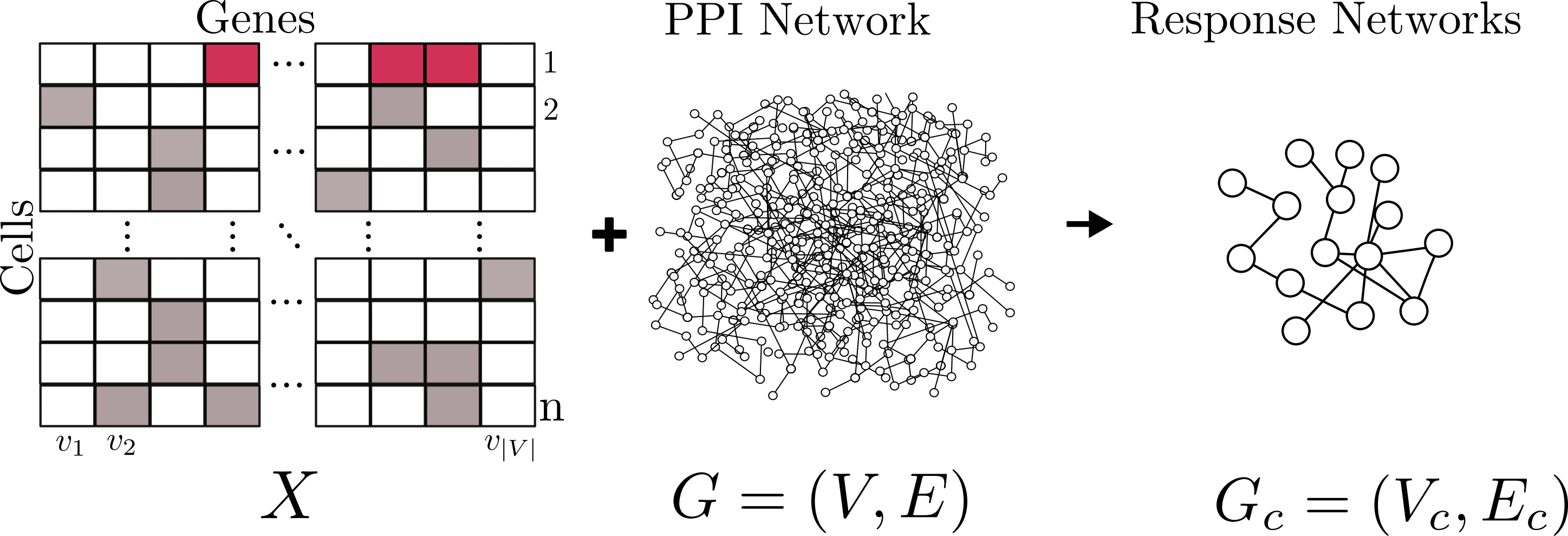




$$\min \sum_{e \in E_c} w(e) + \beta \sum_{v \notin V_c} X(c, v)$$