



■ $A_{ij} = 1, v_i \in G_1$ and $v_j \in G_1$ ● $A_{ij} = 1, v_i \in G_2$ and $v_j \in G_2$

■ ● $A_{ij} = 1, (v_i \in G_1 \text{ and } v_j \in G_2) \text{ or } (v_i \in G_2 \text{ and } v_j \in G_1)$