

- $\blacksquare A_{ij}=1, v_i\in G_1 \text{ and } v_j\in G_1 \ lacktriangledown A_{ij}=1, v_i\in G_2 \text{ and } v_j\in G_2$
- lacksquare $A_{ij}=1$, $(v_i \in G_1 \text{ and } v_j \in G_2) \text{ or } (v_i \in G_2 \text{ and } v_j \in G_1)$