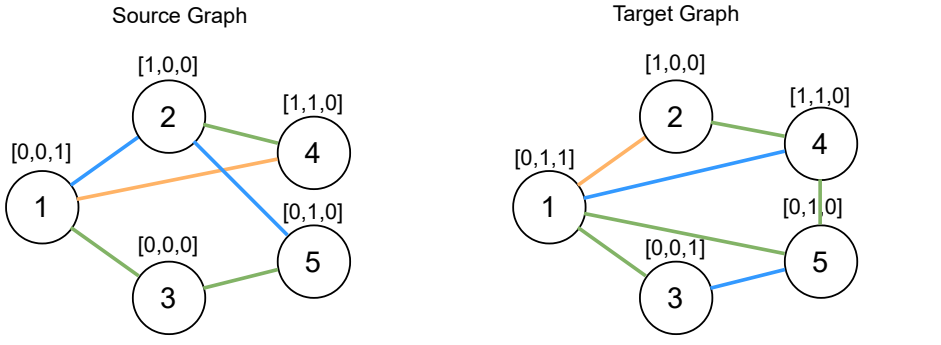
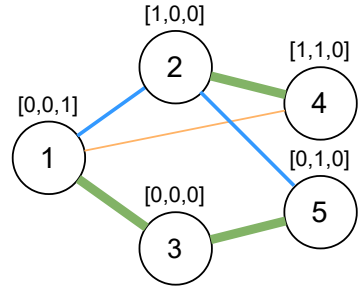


$$P_S(A_{uv}=1 \mid d(H_u,H_v)=1)=\frac{3}{5} \neq P_T(A_{uv}=1 \mid d(H_u,H_v)=1)=1$$

$$P_S(A_{uv}=1 \mid d(H_u,H_v)=\sqrt{2})=\frac{1}{2} \neq P_T(A_{uv}=1 \mid d(H_u,H_v)=\sqrt{2})=\frac{1}{2}$$

$$P_S(A_{uv}=1 \mid d(H_u,H_v)=\sqrt{3})=1 \neq P_T(A_{uv}=1 \mid d(H_u,H_v)=\sqrt{3})=\frac{1}{2}$$



$$w_{uv} = \frac{P_T(A_{uv}=1 \mid d(H_u,H_v))}{P_S(A_{uv}=1 \mid d(H_u,H_v))} = \begin{cases} \frac{5}{3}, & \text{if } d(H_u,H_v)=1 \\ 1, & \text{if } d(H_u,H_v)=\sqrt{2} \\ \frac{1}{2}, & \text{if } d(H_u,H_v)=\sqrt{3} \end{cases}$$