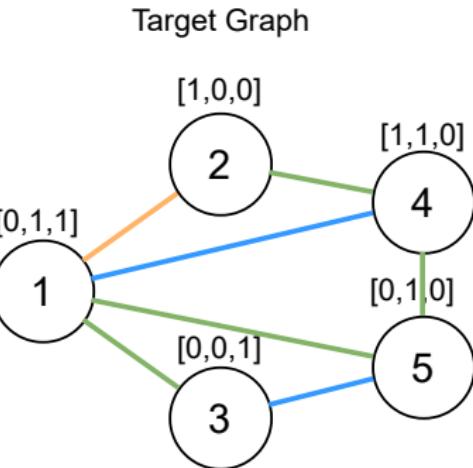


$$P_S(A_{uv} = 1 \mid d(H_u, H_v) = 1) = \frac{3}{7}$$

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

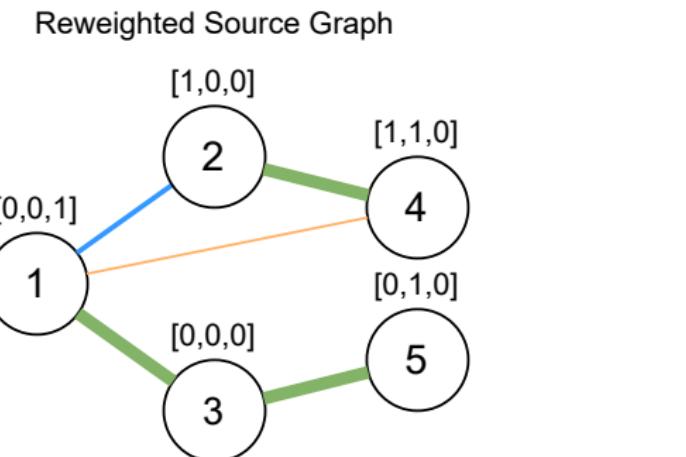
$$P_S(A_{uv} = 1 \mid d(H_u, H_v) = \sqrt{3}) = 1$$



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

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

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



$$w_{uv} = \begin{cases} \frac{7}{3}, & \text{if } d(H_u, H_v) = 1 \\ 1, & \text{if } d(H_u, H_v) = \sqrt{2} \\ \frac{1}{2}, & \text{if } d(H_u, H_v) = \sqrt{3} \end{cases}$$

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