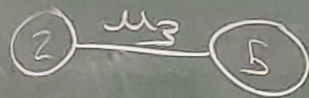
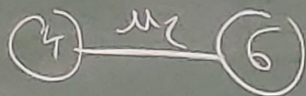
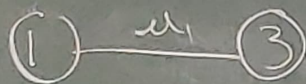
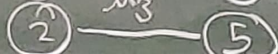
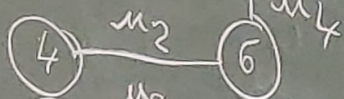
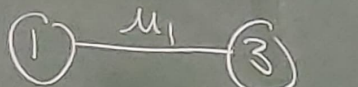


De la même, si on supprime 1 arête de M_5 , on crée 2 composantes
Connexes, ce qui engendre un cocycle.
ex: enlever $m_4 \Rightarrow \text{cocycle } \gamma = \omega_4 = \{m_6, m_7, m_4, m_8, m_9\}$

• $k=3$



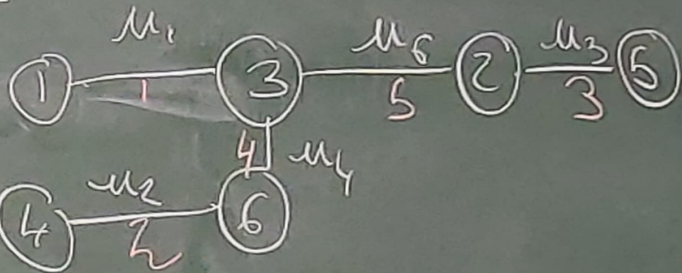
• $k=4$



• $k=5$

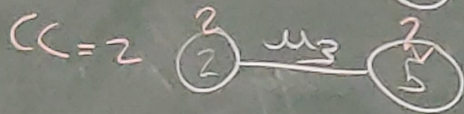
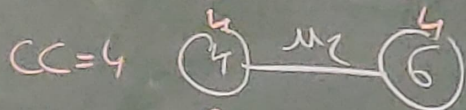
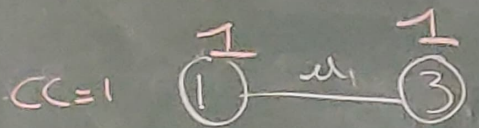
L'ajout de m_5 crée un cycle $\{m_2, m_4, m_5\} \Rightarrow$ on supprime m_5

• $k=6$

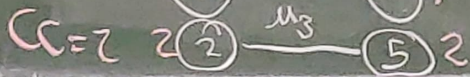
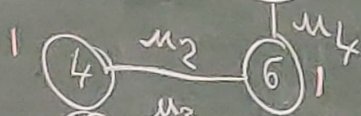
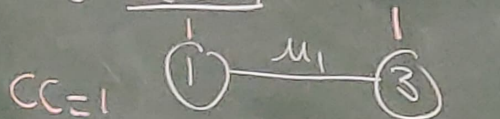


$$W(V_5) = 15 = W^*$$

• $k=3$



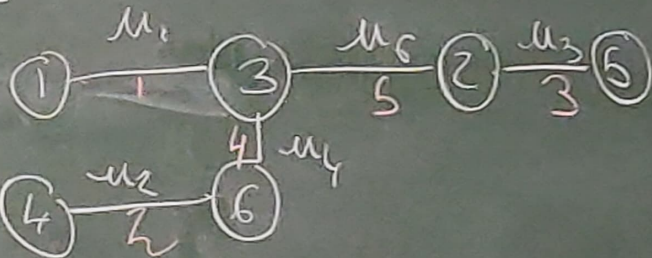
• $k=4$



• $k=5$

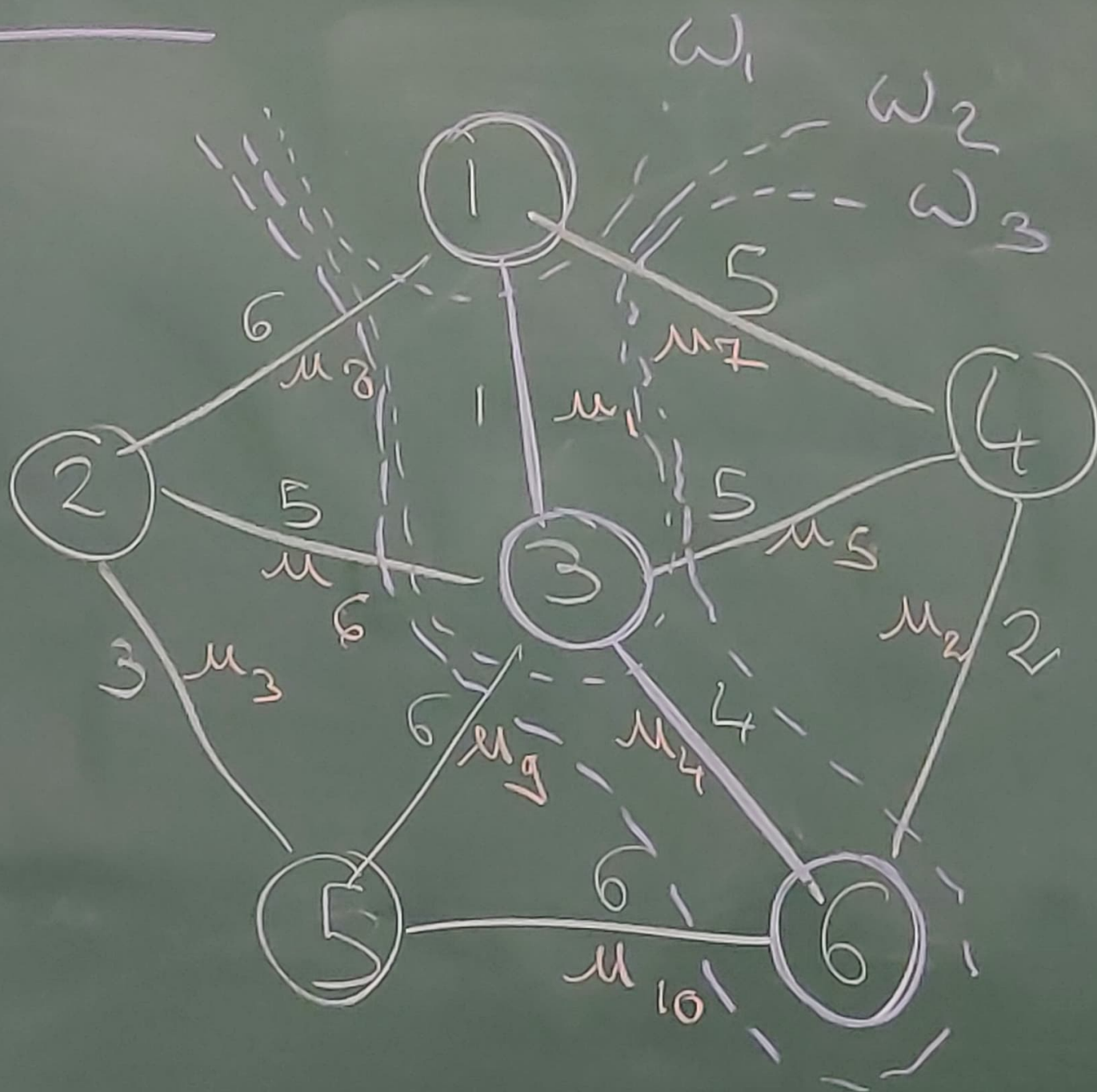
L'ajout de u_5 crée un cycle $\{u_2, u_4, u_5\} \Rightarrow$ on rejette u_5

• $k=6$

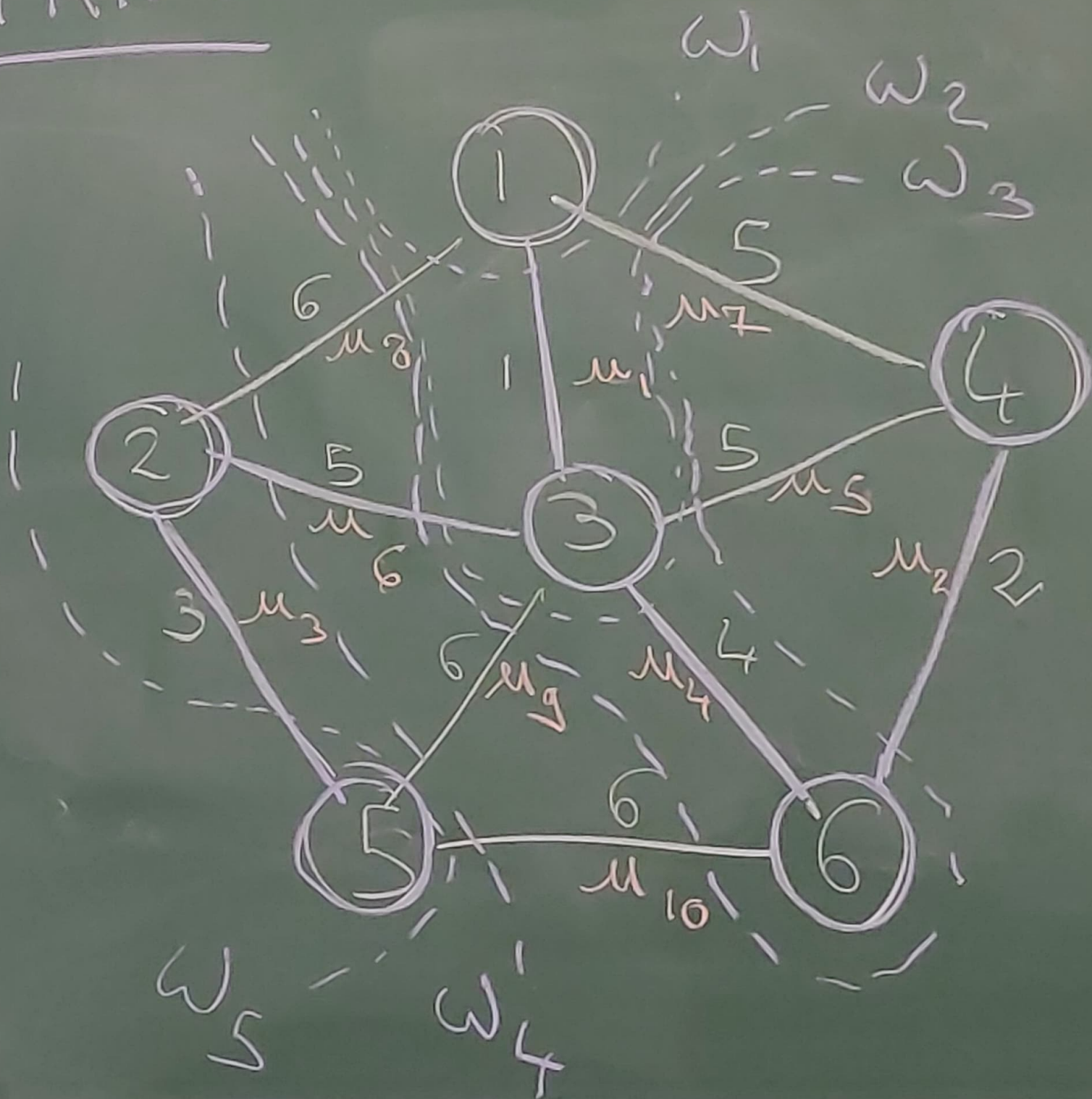


$$W(V_5) = 15 = W^*$$

PRIM



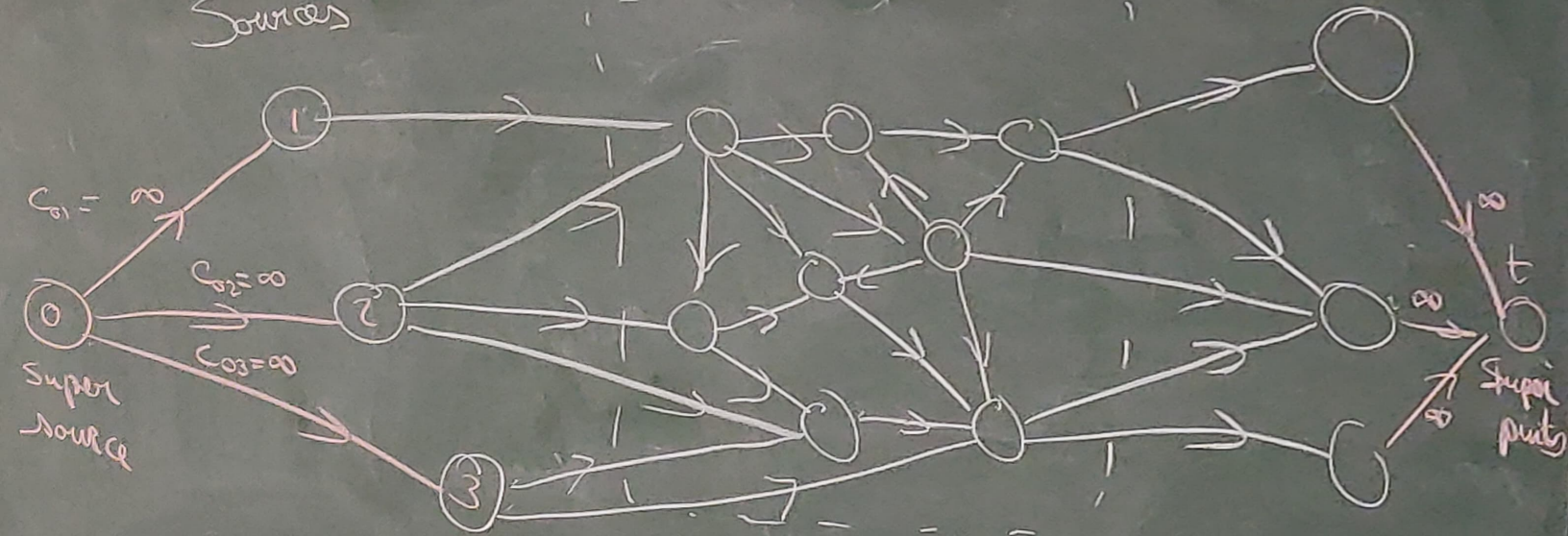
PRIM

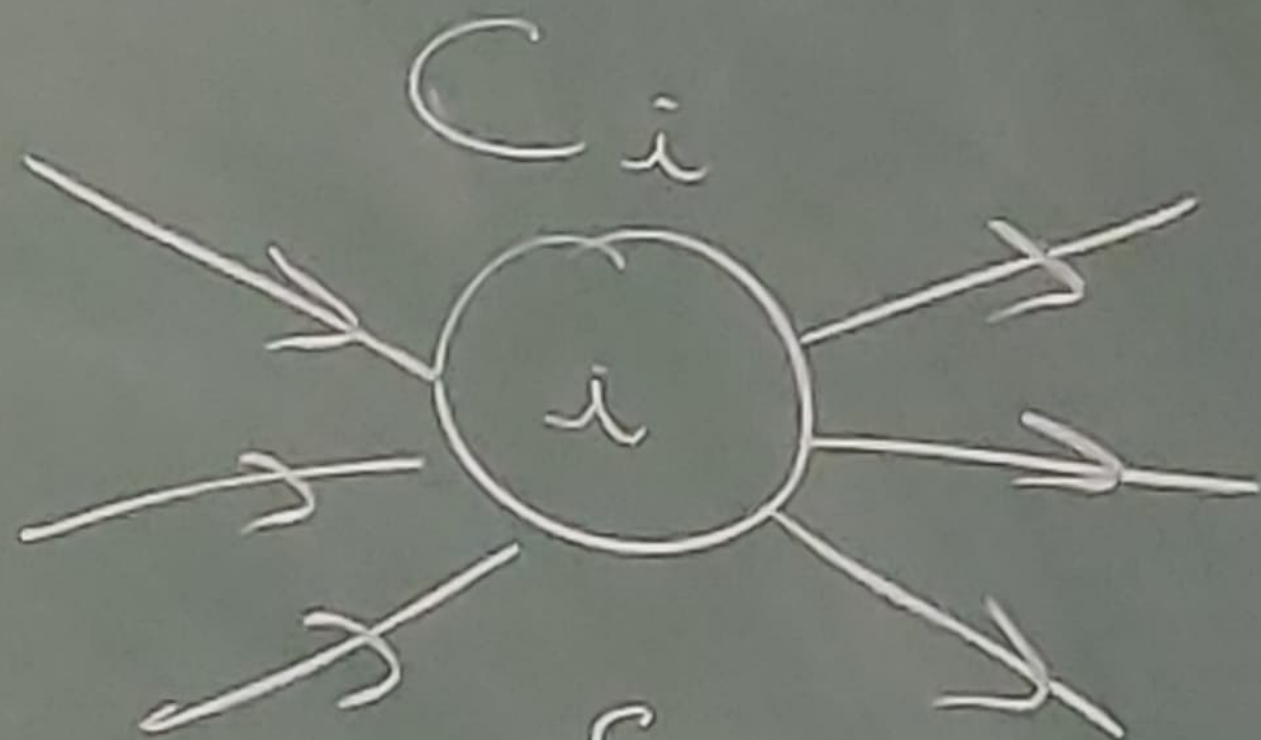


Reseau de Transport

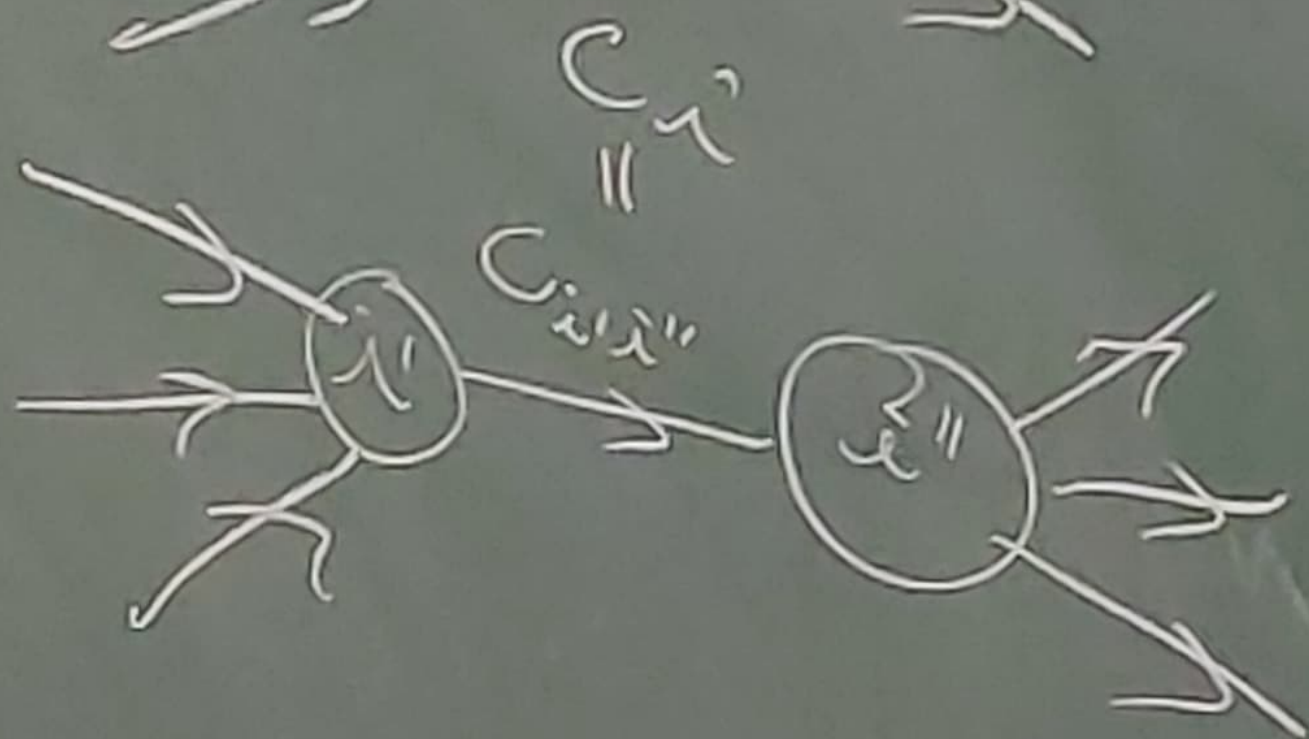
puits

Sources

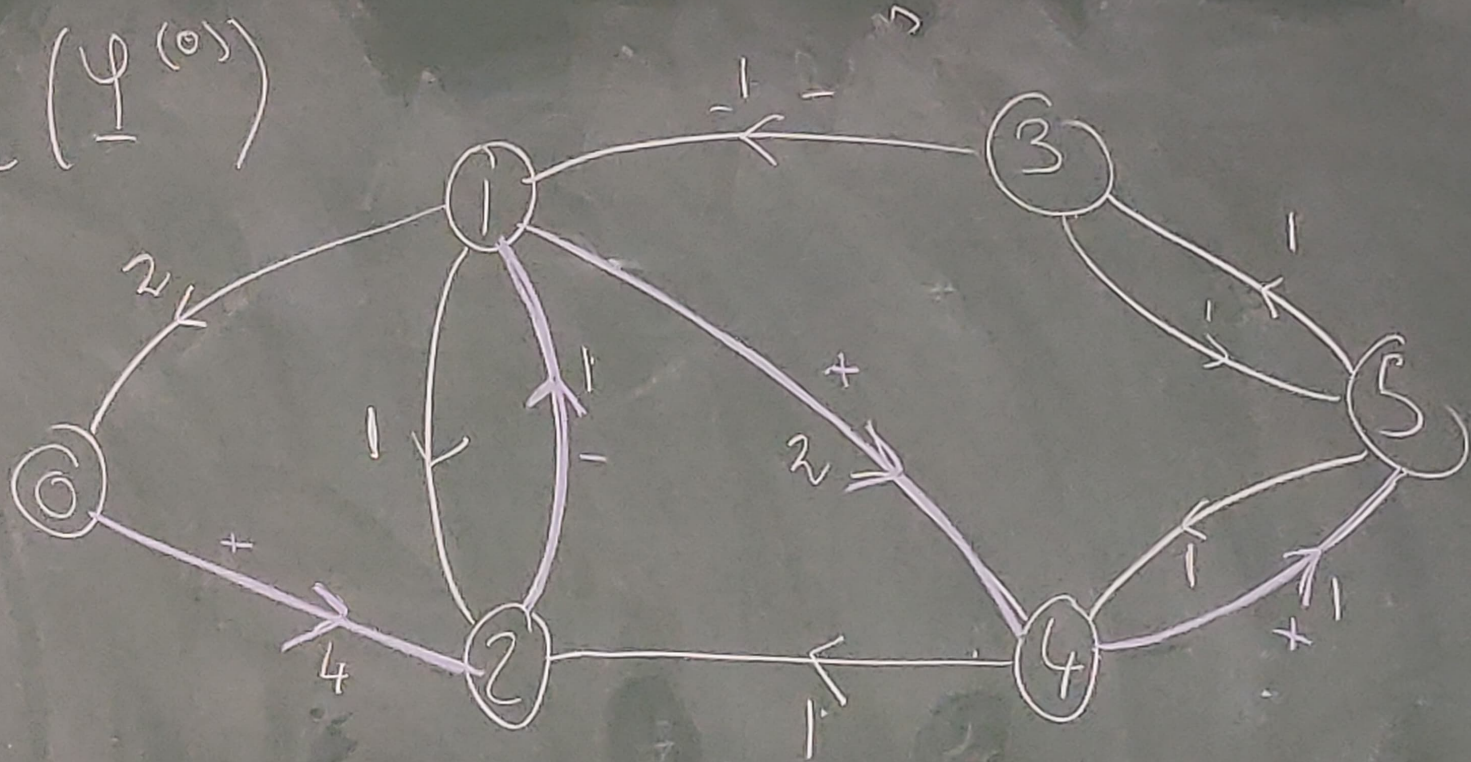




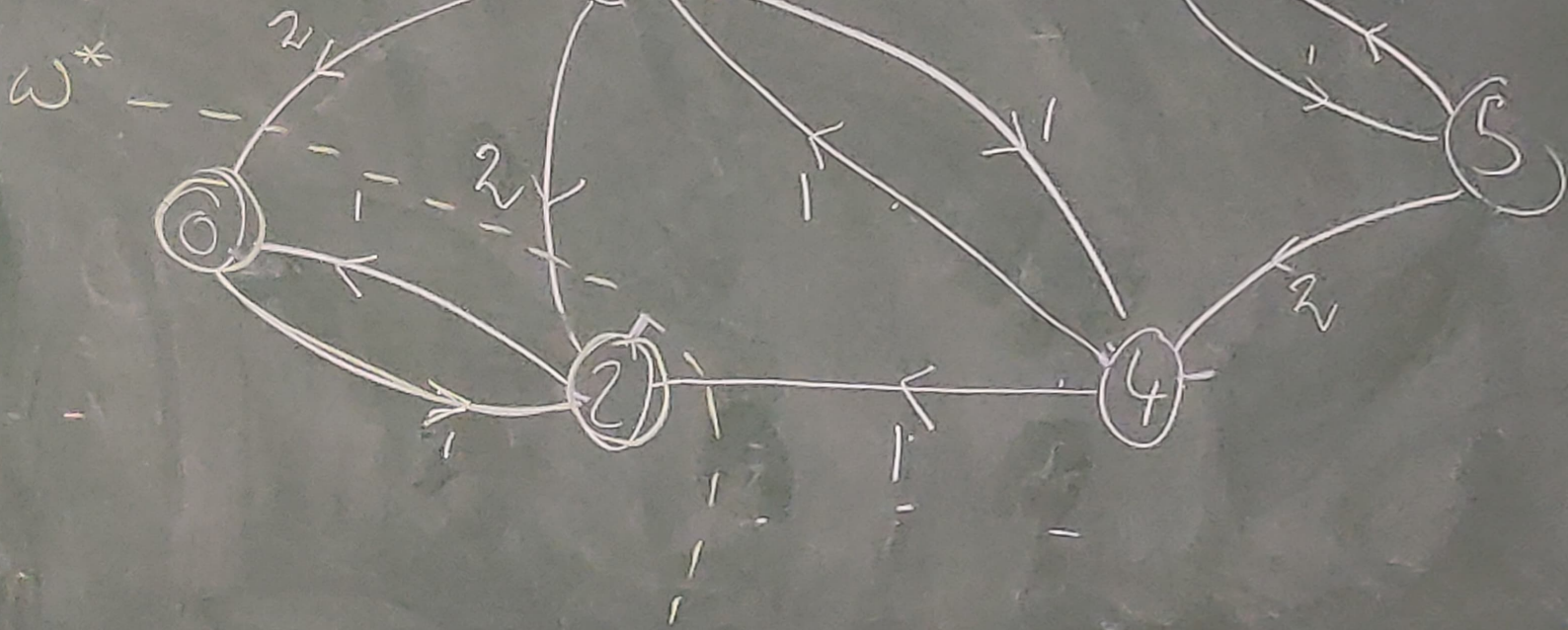
|||



$G_e(Y^{(0)})$

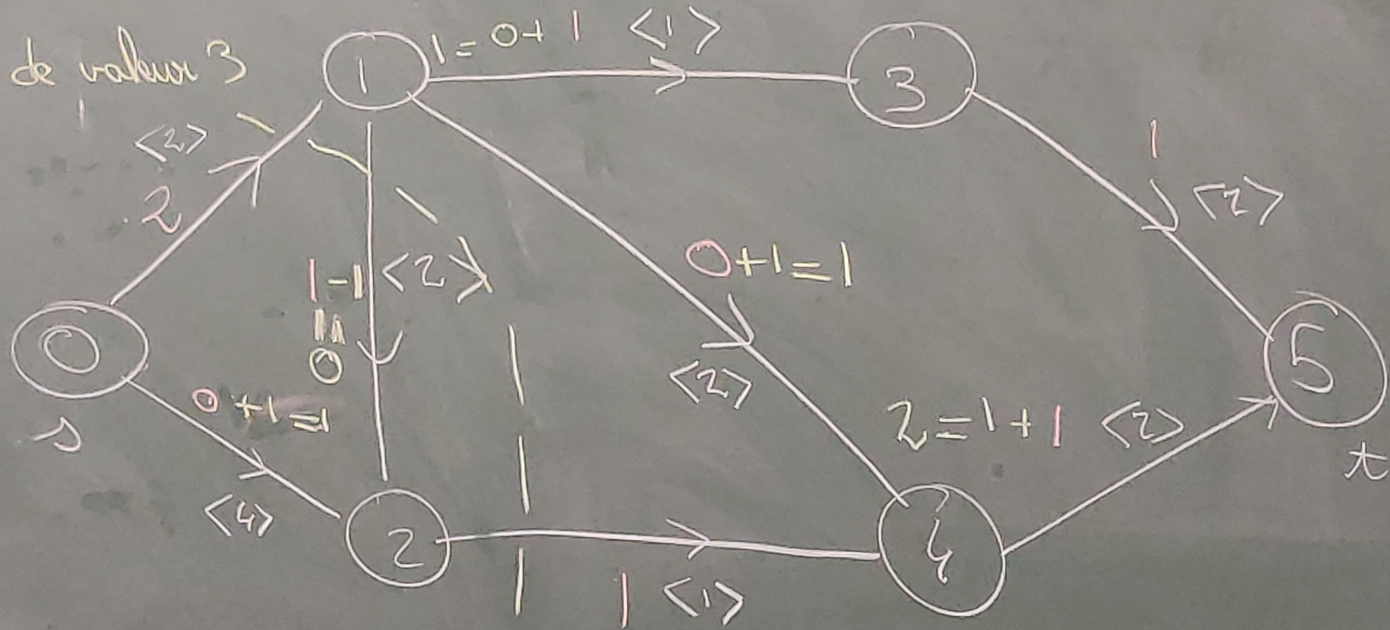


$$G_e(4^{(1)})$$



$\varphi^{(0)}$ de valeur 2 est saturé

$\varphi^{(1)}$ de valeur 3



ω^*

$C_{\omega^*} = 3$