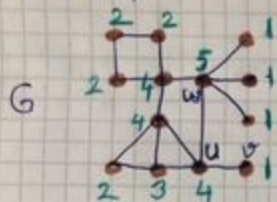


DERECE, MERTEBE VE BOYUT



$$d_u = 4$$

$$d_w = 1$$

$$d_w = 5 = \Delta$$

.....

$\left. \begin{array}{l} \text{Köşe dereceleri} \\ \text{En büyük derece } \Delta = 5 \\ \text{En küçük derece } \delta = 1 \end{array} \right\}$

Grafın derece listesi $DS = \{1^{(4)}, 2^{(4)}, 3^{(1)}, 4^{(3)}, 5^{(1)}\}$

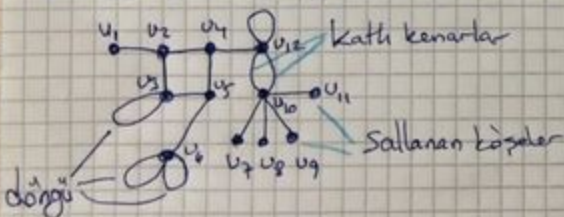
$n =$ Köşe sayısı = G 'nin mertebesi = $4 + 4 + 1 + 3 + 1 = 13$

$m =$ Kenar sayısı = G 'nin boyutu = 16

$$\sum_{i=1}^n d_i = 2m$$

$$4 \cdot 1 + 4 \cdot 2 + 1 \cdot 3 + 3 \cdot 4 + 1 \cdot 5 = 32 = 2 \cdot 16$$

Derecesi 1 olan köşe = sallanan köşe



$$d(u_2) = 5$$

$$d(u_{10}) = 6$$

$$d(u_3) = 4$$

$$d(u_6) = 5$$

KOMPULUKLAR

$$N(u_1) = \{u_2\}, \quad N(u_2) = \{u_1, u_3, u_4\}, \quad N(u_{10}) = \{u_7, u_8, u_9, u_{11}, u_{12}\}$$

$$N[u_1] = \{u_1, u_2\}, \quad N[u_2] = \{u_1, u_2, u_3, u_4\}$$