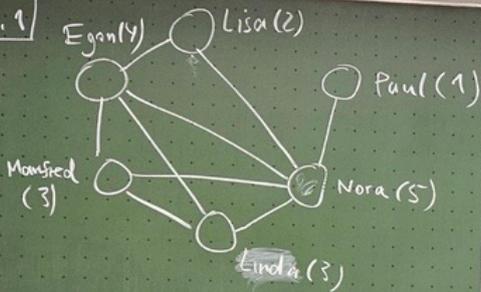


1.1



1.2



nicht-symmetr.
 $= 6 + 5 + 1 + 1$
 $= \sum_{i=1}^6 i = \frac{6 \cdot 7}{2} = 21$
 # symmetr. Stabe = 7
 \Rightarrow insg. $21 + 7 = 28$

alternativ:

$$= 7 + 6 + \dots + 1 = \sum_{i=1}^7 i = \frac{7 \cdot 8}{2} = 28$$

Bei n Moglichk:

$$\frac{n(n+1)}{2} = \binom{n+1}{2}$$

Schleife

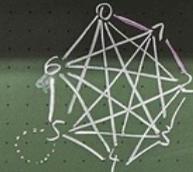
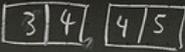


nur bei gerichtetes

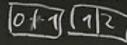
$$(u,v) \in V^2$$

$$\{u,v\} \subseteq V \text{ mit } |I|=2$$

c)



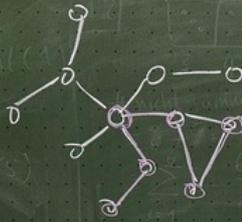
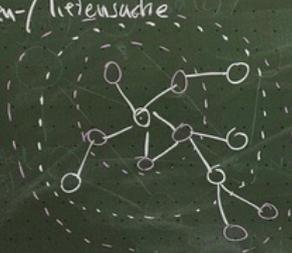
Grad(v) = 6
fur alle v



bei gerader Zahl Knoten geht es nicht:



Braten-/Tiefensuche



1.8

