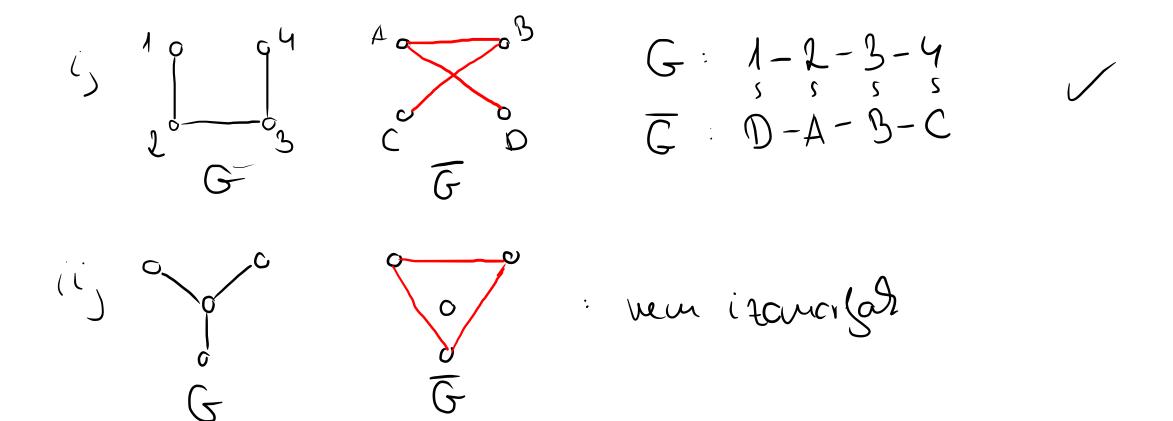
$$su(su)$$
  $Sa = > n-1$  ec

$$E_G + E_{\bar{G}} = \binom{n}{2} = \frac{n(n-1)}{2}$$

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

$$h(n-1) = n(n-1) = 1$$



21) Bresident rourson cama

C: 2-wil nagrechts gold contres & adma

31 > c+2

G Sa 14172

() 
$$1.S_1 + 2.S_2 + 3.S_3 + ... + d.S_d = \int_{k=1}^{d} k.S_k = 2.|E| = 2(n-1)$$

317 S3+S4+...+ Sd+2

$$2.2 - 0: S_1 - S_3 - 2S_4 - 3S_5 - (d-2)Sd = 2$$

$$4 = 317/2+c$$

Lemma. G sa aller G-Sen von ligalable 2 elsolden contes Bit lighosaabb uit o\_o\_o\_o i, vi acuaidja neur aenpel as uten. 0 - 0 - 0 - 0 - 0 - 0  $U_1$   $V_2$ (i) V1 acmailde as illa van: => V, v, elséSolia

b) 3,7/c+2  $|V_G| = V$ is u elsöldun  $S_1 = S_1'$ c = c' ii, u masod Joku! 8, = 8, + 1 C = C' + 1ici, a legalats harmad sold

81=81+1 c=c

27/2/ tsh. hogy n-ig tudjud

=> vou elso solu (suc), esyst Cetorloh n control goson tudius, hogy | 3, > c+2

8,7,c+2 => is is is; 8,7,c+2/ iii) bal oldat 1-gyel nët, a joht oldal nem voltarett 10, 5 csules, 18, 19, 26

Prúbri-hoch: Koddas.

612656813 ~ 6126568

delladelas

1234543 ~> 12345439

12345439

2345439 6

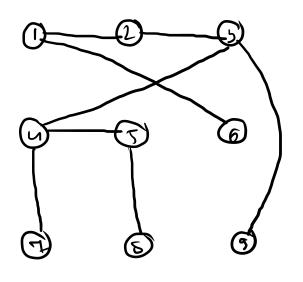
345435 | 61

45439 612

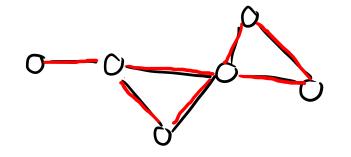
5439 16127

439 61248 39/6/1785

12345439 61278543



nyilt/2017 Euler-voual



Telel:

2 dit E-V: - Osculiago

- mindra suis solo paisos

nyilt E-V: - osanfriggé

- minden csules Sola paros v. 2 esules Sola pHan  $\frac{2}{2}$ 

G CSUCJG(: 1,2,3,-,100) 1 (-5) < 3 Un forfalmas e mil4/201A Euler-vanalar? nosules n'ésules n'ésules gras

Fosiks Stra : n-1 => n-1 palos => n ptlan 1 at tulei-voual (=> u ptlan nyill - 11 — (=> n ptlan vasus n = 2

3,4,5,-,38 : 30/aainst 4 2ait t-v mins 2,39 : 30/caainst 3 my U t-v van a gragban

1,100 : soliciainer 2