activitate	predecion	durate
H	_	2
13	_	3
C	B	5
6	A	2
E	A	3
F	C,D,E	3
G	C	2

early start ES advitate EF early fearly	
LS durale LF late benich	
DIN12 21515	8  F  11
0 start 0 3 2 5 3 8	8 3 11 W Shach 17
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 16 10 11 0 11
013/3	9 12/11

54 grafus Eulessene is Homiltonsene 1 graful E 2 fuene of on god per 3

 $t_{m} = \frac{1}{m}$  m=?  $d(v)=m-1, v \in V$  m=impan V = graf E lant Eulerian  $t_{m}$ , m=?

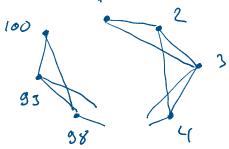
Kunn



n=2 land Euleren

X

G = (V, E), m = 100, 1, ..., 100  $i, j \in E$  data  $|i-j| \leq 2$ G este Eulerion? contine G em land Eulerion?

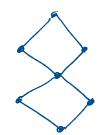


6 contine un cicle Eulerin => m par de muckir



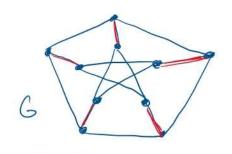
erts adevarat ca:

6 contine un cicle Eulerion => 6 contine m cicle H?

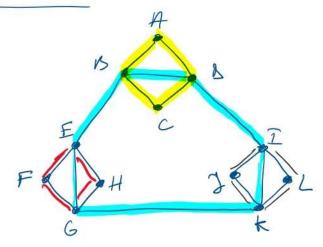


ne

Confine up cicle H = 0 6 contine en cicle E? X  $K_2$   $n \geq 2$ 



erte 6 hamiltarian? nu



Fleury (6)

6 este Eulerin

X = M EV

A = E

L=Ø

while A + & do

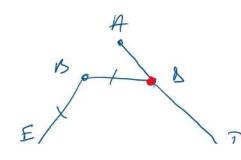
alege e E A a.?. l'este incidenta lei x (x E g(e)) n' dans no

L= L U / 03

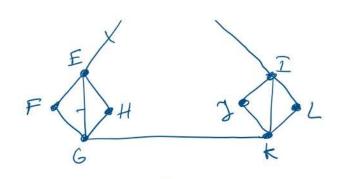
if I gle 1=2 (am pareurs muchia) then

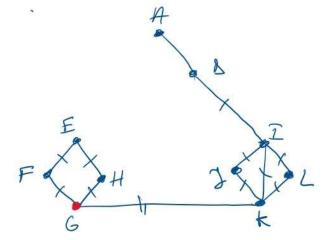
 $X = \mathcal{V} \in g(e) \setminus \{X\}$  (re merge la extraortate a nevizibilità a muchise e)

return 2



( AB, BC, CB)





LAS, BC, CB, DB, BE, EGS

LAB, DC,CD, DD, BE, EG, GF, FE, EH, HG, GK, KI, IJ, JK, KL, LI, ID, ID, BA)

Hinholser (6)

1. re identifica un ciela simple Ri in Gir re marcheura muchiele les Ki

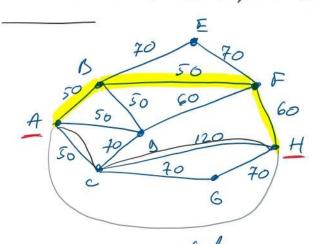
2. data R; contine toute muchile lei G aly regards, K; este culesion

3. fix v; en vf. der R; incident le o mudie 2; menascata

4. re constriente un cicle ringeles Q; pleand de la v; remarchea en meetlië le lui Q;

5. re creere Kill intantioned Q; in Ri pornered de la vi

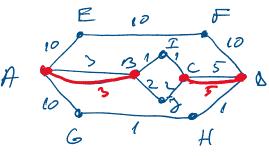
G. i=i+1 , ne nave la parel 2.



6 conex, dela de pardez minima

6 conex, delu de parder minima

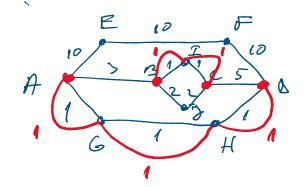
6=(V,E) W: E → R+



6 | 5 4AB, COS, 5 AC, BD3, 5 AD, BC3]

$$AB = 3$$
  $AC = 5$   $AB = 10$   
 $CD = 5$   $BC = 7$   $BC = 2$   
 $W(AB) + w(CA) = 8$  12

## LABIPE, ICICOS



Porter - chineser (6)

1. re identifica of degred impar

2. re formease gruperile de pirechi de of de grad impas

>. pt. fiecare preche se conta muchile de ast min care conecteura ref.

4, re conta grapal de perceri pt. core ruma goarderles este min.

5. re dubleva muchile identificate la paral 4

6. re crute en cicle enterian in graf.

$$G = (V_i E)$$
,  $m = 100$ ,  $4i_1 8i_1 EE => |i-j| \le 2$   
G contine un lent  $H$ ? cicle  $H$ ?

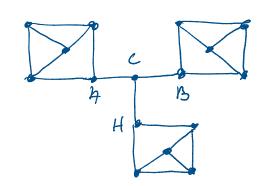
aprel 3 regular care contine un cicle H -> Ky

- 1/- 1/- mu contine - 1/- 1/-

$$\int (6l = 3)$$

$$n = 10$$

april 3 regules conex care non contine un- ciels H



- land H

T. Dirae 6 un graf deordin n = 3, drea J (6) = = > 6 hamiltonian

150 hile regii 150 hile albada 200 hile reersi

$$d(V_a) = 300$$

$$J(6l=250 > \frac{m}{2} = 225$$

100 persoane

100 persoane

25 de mese

$$d(x_i) = 39 - 2(i-1)$$

$$39 - 2(i-1) \ge \frac{100}{2}$$

1=?

3 x 3 x 3

