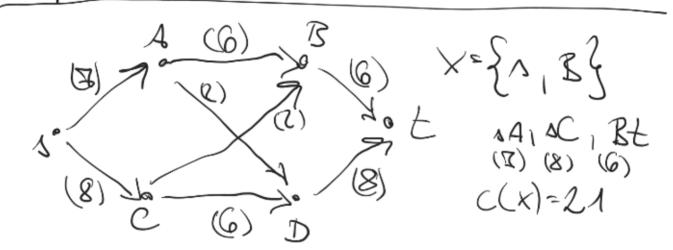
9. előadás

5-t vaguil

vagus porthuluna EEX

x gapacitasa: x-ből himerő éles éstasepacitas



Lemma

Lemma

Lemma

Lemma

X-be be

(kile)

= m(f)

	Lindoport	vegpont	u(l) > as fectivas àban
plese	EX	EX	
Rede	€X	EX	Θ
_	A	6	2010

sdaa 4x ex Biz: e-108(
e-108(
pemegy) ha 5\$1 >> 0 ha 5=3 > m(1) (m(f) = \sum \left(e) - \sum \f(e) = \reft(e) = \reft(e e felice (e) - E file)

(e x-bol)

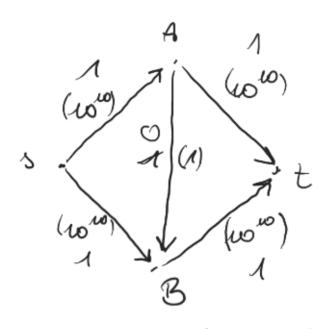
limean

limean $\operatorname{un}(\xi) = \sum_{\substack{(e \times -be) \\ \text{ be}}} f(e) - \sum_{\substack{(e \times -be) \\ \text{ be}}} f(e) \leqslant \sum_{\substack{(e \times -be) \\ \text{ be}}} c(e)$ VI folyeura . Vx bacosra m/t/<c/x

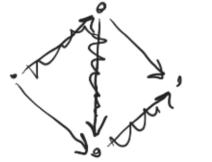
⇒ lea ∃k erteku folgan er k kapacitàri vogas akkor ⇒ a folgan max, a vagas min m(f) ≤ min < (x) ≤ & A,B,C erbetåk et s-bôl a segedgratban AD, Bt, CD (x = {s, A, B, C}) s7(6)

X: utolsb segedgrafban s-böl eterhető csücsak B'vz. kulönben DC benne lenn a segeldgrafban -> CEX 4 From - Fullerson

f forgum × volgas

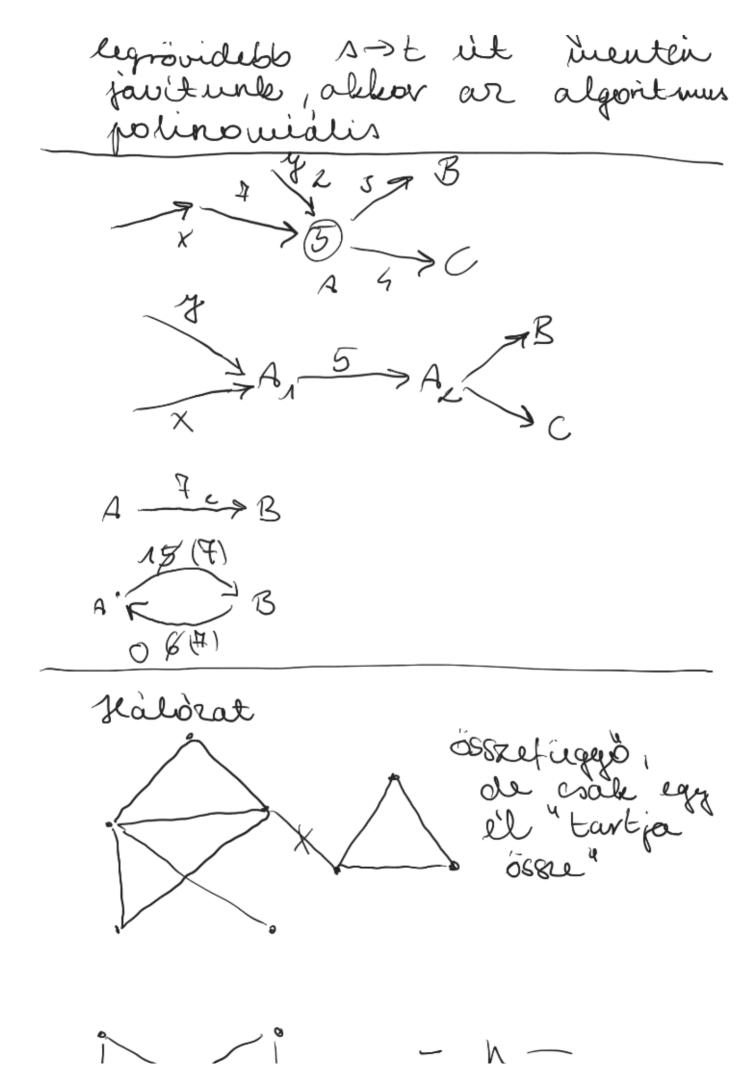


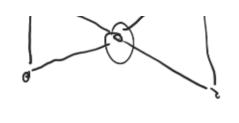
. A segedgraf



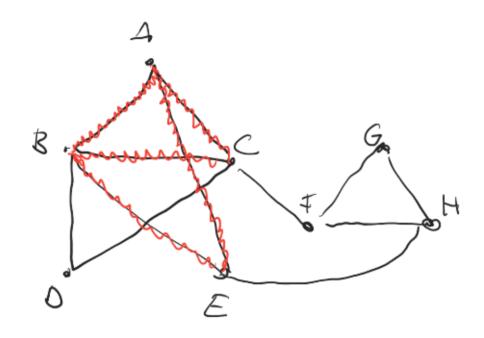
2. segéciquat

EDMONDS-KARP: Ha minding a





- u - lgy csics "tartja



Eldiszemet utak nines koros elük

2 (u,v): u-bôl v-be menő ildirb junkt wtak wax rzáma lambda

A(A,B)=3 (AB, ACB, AEB)

2 (v,v): er v-v utaket lefogo elhalmaros min. rama

UT Wakat lefoged

grafbol ; # usv it 2 (AB) = ?3 <3 $\lambda'(u,v) > \lambda(u,v)$

Henger titelei: (1) r'(u,v)=r(u,v) Vir. grafban