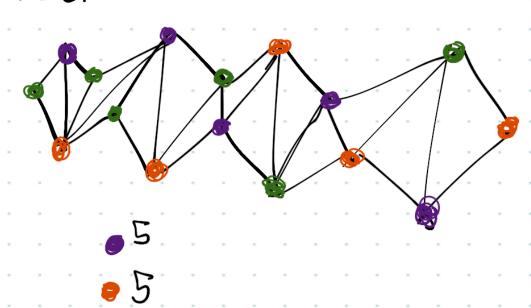
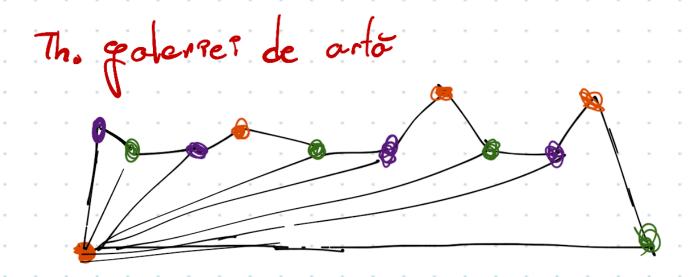
Trangularea poligoonelor Problema galerier de arta

- un poligon poate le trangulat cu agutorul diagonotelor

Exp Pb galcrect de arto, amplosarea



Polegon P, tranqulare Tp 500 3-colorare



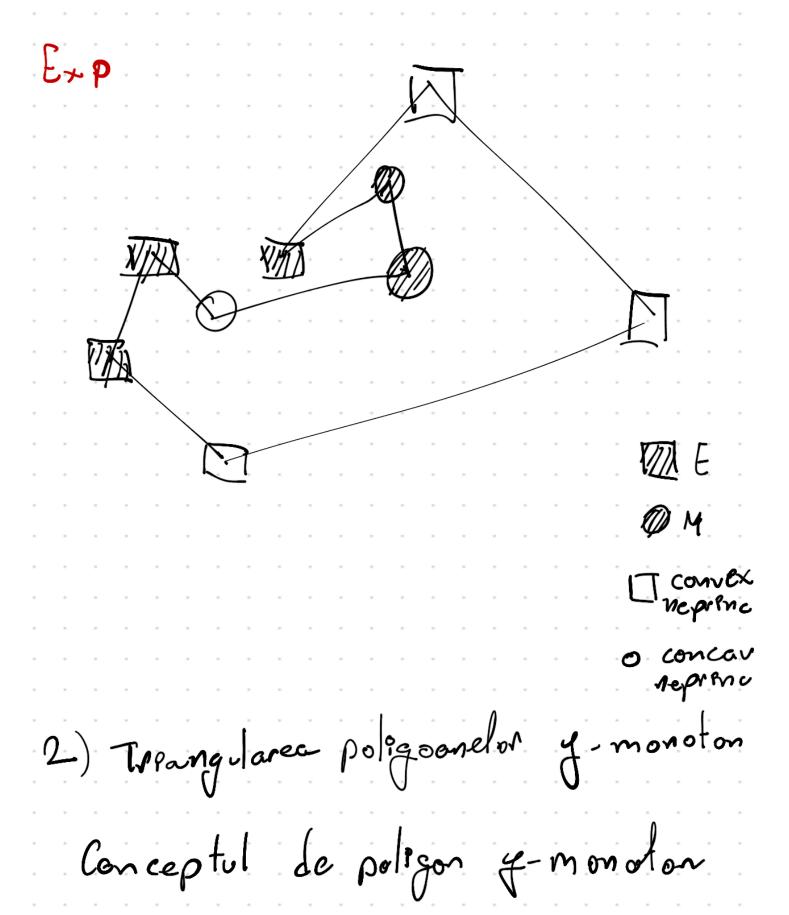
Pp abs (a) $n_1 > \lceil \frac{n}{3} \rceil$ evident as $n_2 > \lceil \frac{n}{3} \rceil$ $n_3 > \lceil \frac{n}{3} \rceil$

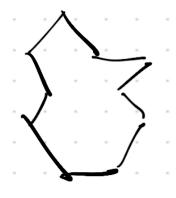
Algoretme 1) Ear cutting / Ear depping Fre P=(P₁,..., P_n) un poligon Termindogie - vf convexe/concave (reflex") de unup Polegon Jvinage - varf principal Preste uf prencepal daco [P., Pin] este dragonalé, i.e.

« [Pi-1> Pi+1] nu entersecteuré laturelle poliq · no existor nicion alt of pe blurgle Saw in entersoral DAP ? +1 P?-1

- varf componentà de 15PE (ear) este vf prancapol convex	
· [P: P. 7 nu entersedecad laturele	
39 este situat in interporul poligonilis, i.e. "La gonda verstabila" => APP, P. 17 po	đ
- var-l'amponenter de tep M (mont) este en v.l. prencepal concar	h)

Douà tepone de clesef o conver/coneau o prencipal san nu





-Poligonal poote for
parcurs de sus moss
în 2 modurs (2 dumini)
forms entourcers mous

orree di

orizentale entersecteurs
poligonal som duper o
multime conexo (p)
pet, segment)

Exp Poligon

care nu este y-monoton

- polog nu poete

la porcors de sus m

pos fors mitourcers

- existo drepe organide

care enters ecters or po
le gonul dipo milt care nu

sont con exe