CURIS 2

$$V = (V_A, V_A, V_3)$$

$$W = (W_A, W_A, W_3)$$

$$V_A W_A = \begin{vmatrix} V_A & W_A & e_A \\ V_2 & W_2 & e_2 \\ V_3 & W_3 & e_3 \end{vmatrix}$$

OBSERVATIE: ("MPORITANTA")
$$V = (J_1, J_2, 0)$$
 $W = (W_1, W_2, 0)$

Atuna $0 \times W = \begin{vmatrix} J_1 & W_1 & e_1 \\ J_2 & W_2 & e_2 \\ J_3 & W_3 & e_3 \end{vmatrix} \frac{de \times v \cdot dupa}{ultima robana} \left(0, 0, \left| J_2 & W_2 \right| \right)$

$$\Delta (P,Q,R) = \begin{vmatrix}
1 & 1 & 1 \\
1 & 2 & 1 \\
1 & 2 & 1
\end{vmatrix}$$

$$\frac{A_2 \to A_2 - A_1}{A_3 \to A_3 - A_1}$$

$$\frac{A_1 \to A_2}{A_2 \to A_2}$$

$$\frac{A_2 \to A_2 - A_1}{A_3 \to A_3 - A_1}$$

$$\frac{A_1 \to A_2}{A_2 \to A_2}$$

$$\frac{A_2 \to A_2 - A_1}{A_3 \to A_3 - A_1}$$

$$\frac{A_1 \to A_2}{A_2 \to A_2}$$

$$\frac{A_2 \to A_2 - A_1}{A_3 \to A_3 - A_1}$$

$$\frac{A_1 \to A_2}{A_2 \to A_2}$$

$$\frac{A_2 \to A_3 - A_1}{A_3 \to A_2 - A_2}$$

$$\frac{A_1 \to A_2}{A_2 \to A_2}$$

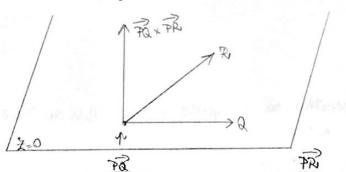
$$\frac{A_2 \to A_3 - A_1}{A_3 \to A_3 - A_2}$$

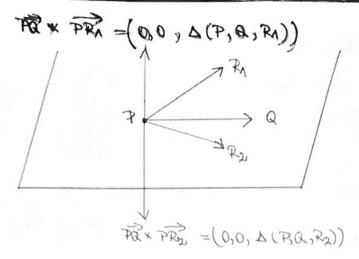
$$\frac{A_1 \to A_2}{A_2 \to A_2}$$

denu (Lerua),

$$P = (\gamma_{\lambda_1}, \gamma_{21}, 0), Q = (2_{\lambda_1}, 2_{21}, 0)$$

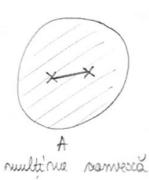
 $R = (3_{\lambda_1}, 3_{21}, 0)$

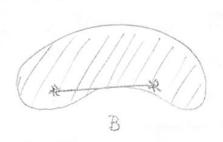




Penthu RA (stanga): D(P, Q, RA)>0

Fenten R2 (dreapta): D (P,Q,R2) <0

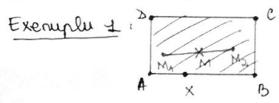




ACOPERIRI CONVEXE

· Algoritari luti (naivi). Douà abordari () gasirea punotelor extreme () determinarea muchilor frontierei de acoporiri.

1) PLINCTE EXTREME

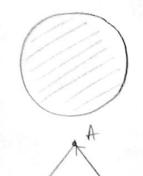


→ A reste primet extreme (pentlu ra NII putern gotsi P, a ru P+ a pre deapte san an interiorist ai. A ∈ [PQ])

([34] ∋ x) unextrem trump ester UN x ←

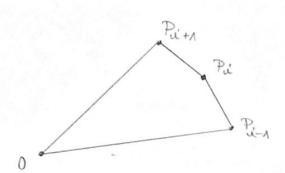
> M NU aste junet extrem (MEMM, > conform figurii)

Exeruplu 2



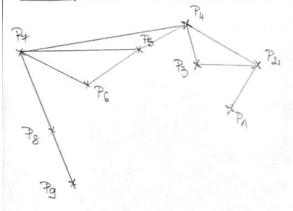
XP

- > Disc = reduc
- > TOATE punctele corcului sunt puncte extreme



Pi punct extreme => NU este viru interiorul / pe laturile $\triangle 0$ Pin Pin (=> => Pin Pi Pi Pin este viraj la stanga

Exerculu GRAHAM'S SCAN



(A, Pa, Pg sunt notiviose)

d: AP2为 A 答答P4 RP2 P4 P4 图 P3 P3