1				
Rmiolog				
namore	3			
Jeachorna problemeter de programme liniara	(PPL) a 2 memorate, a metoda grape ca			
melet c	eu met			
molelle	cute,	222		
vorio	ncuno	+ 1×=((Z)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Report) で さ う	min f(x1,x2) = x1+ 2 x3	(21+4 2 24 (R))	()/()
	(PP2)		6442)	
		\odot		

(9P2) \ (2) \ 22, -32 ≤ 6(R2) $|\alpha_{\mathsf{L}}, \alpha_{\mathsf{Z}} \approx -3 (\mathbb{R}_3)|$ $\int \mathcal{A}_{t} + \mathcal{A}_{2} \leq \mathcal{L}(\mathcal{R}_{t})$

(Ra): $\alpha_1 + \alpha_2 = \beta_1 \pmod{\frac{\alpha_1}{\alpha_1}}$ and $\alpha_2 + \alpha_2 = \beta_1 = \beta_2 + \beta_2 + \beta_3 = \beta_3$ 0(0,0) (24) 0+4.0 = 4=30=4 (F) => Semiplonul ce contine originus este ramiplonul

 $(R_2): 2\alpha_1 - 3\alpha_2 \le G \Rightarrow (\Delta_2): 2\alpha_1 - 3\alpha_2 = G \Rightarrow (\alpha_1 = 0) \Rightarrow 2 \cdot 0 - 3\alpha_2 = G \Rightarrow \alpha_2 = -2 \Rightarrow (\beta_2) \Rightarrow (\beta_2): \alpha_1 = 0 \Rightarrow (\alpha_1 - \alpha_2) \Rightarrow (\beta_2): \alpha_2 = G \Rightarrow (\alpha_1 - \alpha_2) \Rightarrow (\alpha_2 - \alpha_2) \Rightarrow (\alpha_2 - \alpha_2) \Rightarrow (\alpha_1 - \alpha_2) \Rightarrow (\alpha_2 - \alpha_2) \Rightarrow (\alpha_1 - \alpha_2) \Rightarrow (\alpha_2 - \alpha_2) \Rightarrow (\alpha_1 - \alpha_2) \Rightarrow (\alpha_2 - \alpha_2) \Rightarrow (\alpha_2 - \alpha_2) \Rightarrow (\alpha_1 - \alpha_2) \Rightarrow (\alpha_2 - \alpha_2) \Rightarrow (\alpha_2 - \alpha_2) \Rightarrow (\alpha_1 - \alpha_2) \Rightarrow (\alpha_2 - \alpha_2) \Rightarrow (\alpha_1 - \alpha_2) \Rightarrow (\alpha_2 -$ " [22=0 (23) 2 21-3.0=6=> 21=3 => Ft (3.0)

0(00) (22) 2.0-3.0 < 6 => 0 < C (A) => Semisbonul a confine origina este remiplonul (R3): 24-22 => 2 => (B3): 24-22 => 2 => (B3): 24-32=-3 => 1 21=0 => 0-32=-3 => 3 => (B3):

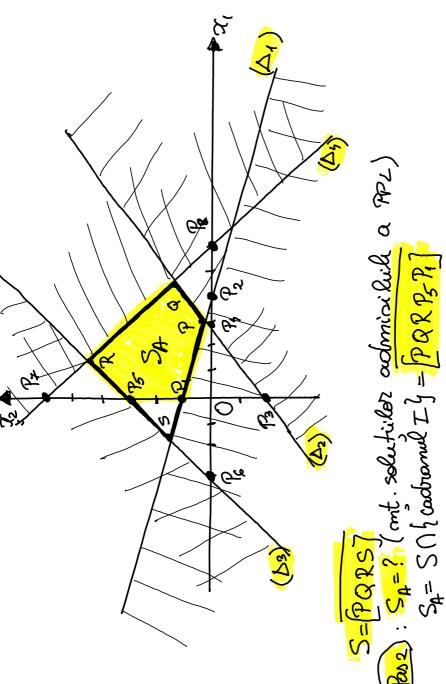
122=0=> 21=-3 => Pc (-30)

 $(\mathcal{A}_{2}=0\Rightarrow \mathcal{A}_{1}=6\Rightarrow \mathcal{P}_{8}(\varsigma_{2}\circ)$

(Ky): 21+2256 => (By): 21+22=6 => (21=0=> 22=6 => Px(0,6)

0(9,0) (Ry) OtO &6 =>62 C(A)

(0/0,0) (3) 0-03-3 => 0>-3 (A)



Pass : So = ? (mt. solutiber godine a PPL) Spr = mt. solutiber de baror adminiture a PPL Spr = 1 yf. mt. Sp = {P,Q,R,Ps,Pr}

$$\begin{array}{l} \left(P(o_{3}) = f(o_{4}) = f(o_{4}) = 0 + \frac{1}{2} \cdot 4 = \frac{1}{2} = 0.5 \\ \left(P_{5}(o_{3}) = 0 + \frac{1}{2} \cdot 4 = \frac{1}{2} = \frac{1}{2} = 0.5 \\ P_{5}(o_{3}) = 0 + \frac{1}{2} \cdot 3 = \frac{3}{2} = 4.5 \\ P_{7}(o_{3}) = 0 + \frac{1}{2} \cdot 3 = \frac{3}{2} = \frac{3}{2} = \frac{3}{2} = \frac{3}{2} = \frac{3}{2} = \frac{3}{2} =$$

 $| (4) \operatorname{cmim} \int (\mathcal{A}_1, \mathcal{A}_2) = \mathcal{A}_1 + \frac{1}{2} \mathcal{A}_2$

$$= \sqrt{(34.5)^{2}} + \sqrt{(7)} = \sqrt{(34.5)^{2}} + \sqrt{1.4} + \sqrt{2.5} + \sqrt{1.4} + \sqrt{1$$

$$= (\triangle 1) \cap (\triangle 1) : |2\alpha_1 - 50|_2 = \angle 2$$

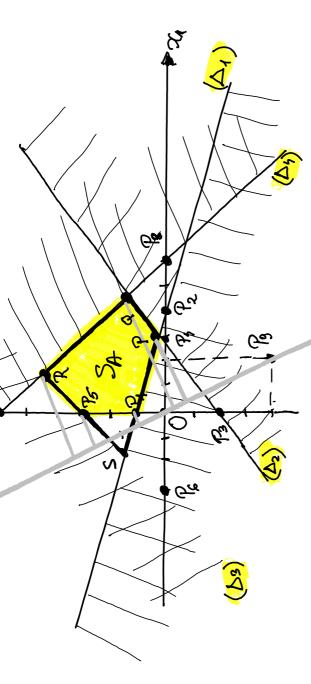
$$= |2\alpha_1 + 2\alpha_2 = \angle 2$$

$$= |2\alpha_1 + 2\alpha_2 = \angle 2$$

= (1/21, E) => f(Q)= f(24, 6)= 24 + 4.8 = 27 = 5.5 X1+22=6

$$(3) = (3) + (3) + (3) = (3) = (3) + (3) + (3) = (3) + (3) = (3) + (3) + (3) = (3) + (3) + (3) = (3) + (3)$$

•
$$R=\{\lambda_3\}$$
 $\Pi(\lambda_4): \{\alpha_1-\alpha_2=-3 \}$ $F \neq F$ $F \neq F$ $F = \{\lambda_3\}$ $\Pi(\lambda_4): \{\alpha_1+\alpha_2=6 \}$ $F = \{\lambda_3\}$ $F = \{\lambda_4\}$ $F = \{\lambda_4\}$



chetoda 2

(1) milm {(26, 26)= 26+ 1/2 82,

$$=0 \xrightarrow{b_0} 0 + \frac{1}{4}, q_2 = 0 \Rightarrow 3l_2 = 0 \Rightarrow 0$$

$$=2 \xrightarrow{b_0} 2 + \frac{1}{4}, 3l_2 = 0 \Rightarrow \frac{1}{2} 3l_2 = -2 \Rightarrow 0$$

$$\frac{2}{(\Delta o)}: \alpha_1 + \frac{1}{2} \alpha_2 = 0: \left[\alpha_1 = 0 \xrightarrow{\Delta} 0 + \frac{1}{2} \cdot \alpha_2 = 0 \Rightarrow \alpha_2 = -2 \Rightarrow \alpha_2 = -2 \Rightarrow \alpha_2 = -2 \Rightarrow \alpha_2 = -2 \Rightarrow \alpha_3 = 0 \Rightarrow \alpha_4 = 0 \Rightarrow \alpha_4$$

 $S_{c} = \{p_i\} \text{ cut } \{\alpha_i^{\text{optim}} = 0\}$