Jeachvorus problemeter de programore liniaria	(PPL) as memorate, a metoda guapica	min f(x1,x2)=x1+2x2	$(x_{i+1}x_{i} = y_{i}(R_{i})$
Jean	(PP2) as	(i) min f(x1, x3	1214425

(992) (2) $\{2\alpha_4 - 3\alpha_2 \leq \mathcal{C}(R_2)\}$

(Ra): $\alpha_1 + \alpha_2 = \beta_1 \pmod{\frac{\alpha_1}{\alpha_1}}$ and $\alpha_2 + \alpha_2 = \beta_1 = \beta_2 + \beta_2 + \beta_3 = \beta_3$ $|\alpha_{\mathsf{L}}, \alpha_{\mathsf{Z}} \approx -3 (\mathbb{R}_3)|$ $(\mathcal{A}_{i} + \mathcal{A}_{2} \leq \mathcal{L}(\mathcal{R}_{i})$

 $(R_2): 2\alpha_1 - 3\alpha_2 \le G \Rightarrow (\Delta_2): 2\alpha_1 - 3\alpha_2 = G \Rightarrow (\alpha_1 = 0)$ 0(0,0) (24) 0+4.0 = 4=50=4 (F) => Semiplonul ce contine originus este ramiplonul [12=0 (23) 2 21-3.0=6=> 21=3 => Pt (3.0)

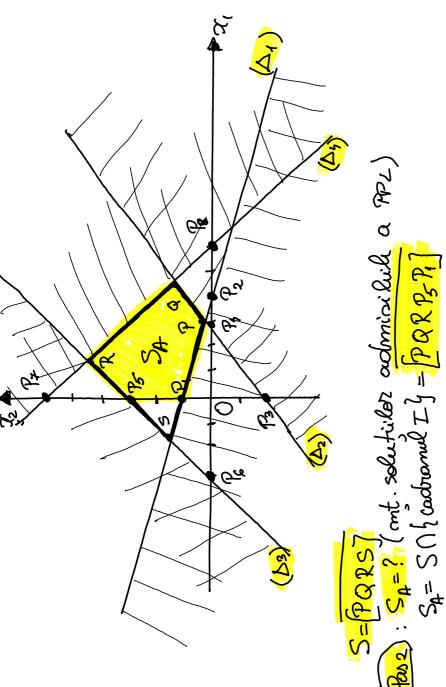
0(00) (22) 2.0-3.0 < 6 => 0 < C (A) => Semisbonul a confine origina este remiplonul (R3): 24-22 => 2 => (B3): 24-22 => 2 => (B3): 24-32=-3 => 121=0 => 0-32=-3=> 32=3=> [B-(0,3)]

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

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

(Ky): 21+3256 => (By): 21+32=6 => (21=0=> 22=6 => Pz(0,6)

 $(\mathcal{A}_{2}=0\Rightarrow \mathcal{A}_{1}=6\Rightarrow \mathcal{P}_{8}(\varsigma_{2}\circ)$ 0(9,0) (Ry) OtO &6 =>62 C(A)



Pars : So = ? (mt. solutibr gotime a PPL) Spg = mt. solutibr de baror adminitur a PPL Spg = f yf. mt. Spf = {P,Q,R,Ps,Pr}

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

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

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

$$\frac{(\Delta \sqrt{10})(\Delta y)}{(\Delta y)} = \frac{2\alpha_1 - 3\alpha_2 - \zeta}{(\Delta x)} = \frac{2\alpha_1 - 3\alpha_2 - \zeta}{(\Delta x)} = \frac{2\alpha_1 + 2\alpha_2 - 1\zeta}{(\Delta x)}$$

$$|(x_1)|(x_2)|^2 |(x_1 + 2x_2)|^2 |(x_1$$

$$=\sqrt{(2!, \frac{2}{5})} + \sqrt{(0)} + \sqrt{(2!, \frac{6}{5})} = \frac{2!}{5!} + \frac{1}{4!} \cdot \frac{6}{5!} = \frac{27}{5!} = \frac{27}{5!}$$

$$\frac{\sqrt{23}}{5} = \frac{1}{5} + \frac{1}{5} = \frac{1}{5} =$$

•
$$R=\{b_3\}$$
 $\Pi(b_4): \begin{cases} x_1-x_2=-3 \\ x_1+x_2=6 \end{cases} > \{b_1=x_3=3 \\ (-)^{-1} \cdot (x_1+x_2=6 \\ (-)^{-1} \cdot (x_2=6 \\ (-)^{-1} \cdot (x_2=6$

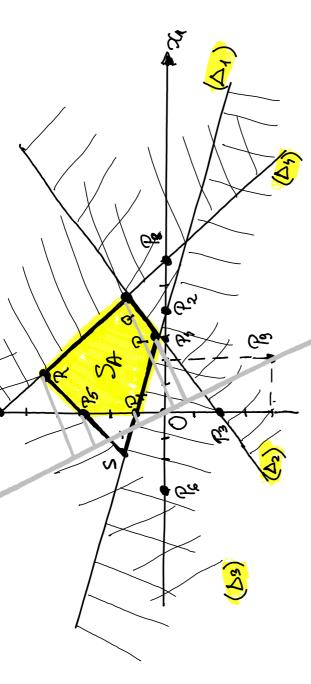
$$= 3R(\frac{3}{2}, \frac{9}{2}) = 3 + \frac{3}{2} = 3 + \frac{9}{2} = 3 + \frac{9}{2} = \frac{45}{2} = 3, 75$$

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chetoda 2

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

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

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