1

Elfina: $Y \times E \{A, B, C_p P\}$ X = a quantidade delíquido X vendido pen transpormação; E_X , F_X , G_X , P_X rão or quantidades vendidos atraves de cadre som dente;

into e'à per exemplo: G_C e' a quantidade de litros

de C usador pou paron G e verdidos.

Temos:

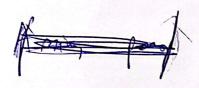
•
$$E_A = 0.3$$
 $(E_A + E_B + E_C + E_B)$ $E_B = 0.1E$, $E_C = 0.4E$, $E_0 \le 0.05E$

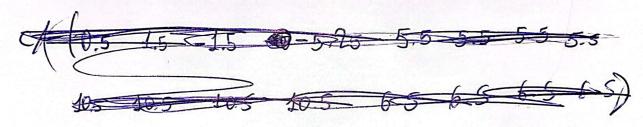
· Dunemor mox 6(A+0+G+D)+1/E+15F+146+22P-5.5(A+2YA)-cc.

0 luono 1 6A+BB+6C+6D+11Ex+11Ex+11Ex+11Ex

+15Fx+15Fx+15Fx+15Fx+15Fx+14Gx+14Gx+14Gx+11Gx+22fx+

+22fx+22fx-5.5Fx-5.5Fx-5.5Fx-5.5Fx-5.5Fx
-4.5B-4.5Ex-4.5Fx-4.5Gx-4.5Fx-7.5E





Para

 $C = (0.5 \ 1.5 \ -1.5 \ -5.25 \ 5.5 \ 6.5 \ 3.5 \ -0.25$ $9.5 \ 10.5 \ 7.5 \ 3.75 \ 8.5 \ 9.5 \ 6.5 \ 2.75$ $16.5 \ 17.5 \ 14.5 \ 10.75)^{T}$

I4 T4 I4 I_4 1-911 -5 -5 -5 95 A= -75 25 7525 -0.2 08-02002 0.1 0.1 0.1 -0.9 15-85 1515 -28-2-2 4-26 4 4 -15 85 -15 -15 1 1 -1 -1 | -1 1 1 -1 -1 |
 3 3 3

 4 4-6 4

 2 2 - 8 2

 -8 2 2 2

 4 4 - 6 4
 -23 777 44-67

$$\alpha = \begin{pmatrix} 8000 & 4250 & 16000 & 2000 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & -400 & -800 & -200 \end{pmatrix}^{T}$$

$$d = 0_{7\times1}$$

Nono PPL es

$$p.t.$$
 $Ax \leq a$
 $px = 0$
 $x \geq 0$

$$N_0 x$$
. $CT X$
 $D = \begin{pmatrix} A \\ D \\ -D \end{pmatrix} \times \begin{pmatrix} A \\ 0 \\ 0 \end{pmatrix}$.