10 Max 12#1 +(6x2 + 3#3? 57+12×2+37=16-341 5x+2x2+3x3+W=16 minula -> \ X1+3x2-x3+W2=13 x+33€ -3€35 13 -> H2 -X1+\*2-3\*351 > u3 -XI+X2-3X3+W3=1 W1, W2, W3 20 Min 16 4+ 1342+1437 5 h1 + 1 H2 - 1 H3 = 12 EMI+142-LM3-V1=12 2M1+342 + 1M3 - 12=16 ZU1+342+143=16 3 Mi-142-343-43=3 341-142-343=3 はいはれなるこの D (\*\*\*, x2\*, x2\*) = (0,5,2). The dates a Xit. Vit = 0

exalted Sir. Vit = 0

exalted Sir. Vit = 0 X\*. V(\*=0=) X1\*=0=) N,\* +0 Xx . Vx =0 => 5. V2 =0 = [V2 =0] Kgt. V3 =0 -1 2. V5 =0 =1 V5 =0 Mit. Wit =0 = 0 - 1 Lute 0 = 0 = 1 Lute 0 42 \* 50 = 0 = 12 1 C = 0 = 7 42 × 60 12x . M3 =0 =1 43x . 5=0 =1 M3 =0 Wi=16-5×1+272-373 Wz = 13-x1-3x2+x3 Wit = 16-5.0-2.5-3.2 N1x=13-0-3.2+5 M2=3.25-3 M'x= 13-12+5 W, = 16-0-10-6 W2 =0 W. += 0 Mz= 75-33 24,+342+1 43-V2=16.=) W== 1 - X2+3X3 12= h2 => 241+342=16 W== 1-0-5+3.2 341-142-343-V3=3 W2 = 2 -)3 Lu-142 =3 2 h1+3/1/2=16 2 ki+3 (34,-3)=16. 13 M1 - 142 = 3 7 - Mz= 3-341 241+341-9=16 TM2= 3M1-3 11M1=22 か= (12) かりの). 41=25

2. Max x1+x2+(B+1) x3 JX1 + 1x2+BX3 = 5+d (4+1) x1+(2-1) x2+BX3=(6-1)+d(=) 2X1+X2+X3+X4=2+2x (141) X1 + X2+X3+X4 = e+2d C=/1 | B=(51) - basic dete de (21) - kerx2.  $A = \begin{pmatrix} 5 & 1 & \beta & 0 \\ 2 & 1 & 1 & 1 \end{pmatrix}$   $b = \begin{pmatrix} 5 + 0 \\ 2 + 20 \end{pmatrix}$ B-primal admixible dace  $B^{-1}.b \ge 0$   $\begin{bmatrix}
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\frac{1}{3} & -\frac{1}{3$ 3 (5+d) - 1 (2+2d) 20 (3+3-3-23=0 ()) 3-3=0 () 3 1= (100=1-3) CB.7-CT= (1,1). (1,0,12=1,3) - (1,1,13+1,0) CB.4-C= (1,1,1) -28+3,-3+3)-(1,1,1+1,0) -4B+150 Co, 0, 1-c= (0,0) (BH),1) CB.Y-C=(0,0,-B+h)B-1,1)=n CB.Y-C=(0,0,-10+4,1) B=+

CB.Y-C=(0,0,-B+h)B-1,1)=n CB.Y-C=(0,0,-10+4,1) B=+

TRE[Lit Solmult =1 B=1

5 + 1 + 2 + 3 + 3 = 5 = 4 = 5 + 3 = 0 2 + 1 + 2 + 3 + 3 + 2 = 2. 2 + 3 + 2 + 3 + 2 + 2 = 2.  $6 = 5 \cdot 5 = (10)(5) = (5)(2) = (-3) = 0 \mp$   $6 = 6 \cdot 5 = (10)(5) = (-3)(5) = (-3)(5) = 0 \mp$ Max £1+ 7x+ 4x3  $\bar{x} = 8^{7} \cdot b = (10)(5) = (-3) = 07$ Me + baaa, # algum B= (30) =18 = (10) (5) = (3)  $y=8^{1}.A=(10)(5130)$   $y=(\frac{1}{3}\frac{1}{3}10)$   $\frac{1}{3}\frac{1}{3}01$ ACT. Y-C=(h(0)(\$ \$ 10)-(1140) = (\$ 3 3 40)-(1140) 3 SOF Mu auem 3 SOF My avem 1 3 3 0 0 (m) 17 30 20 = (3) 507 (3) 507. 4 m avenu opt int (m3) Max (3 13) = 17 = K=1. - Xi intri imbaria min (3/3/2(1,1) > x siese din basa end of per

r 6