MKP NO2 W01 rx=x2+y2-x=p Xo=1, yo=0 (j=x2-x+10y=Q Py = 214 Px = 21x - 1 Pr(1,0)=20 Pg(1,0) 0 Qx = 2x-1 Qy = 10 ax(10) 1 ay(40) = 10 Mor no rineapuzobary C-my [x=20x] => A= (200) | A-LE1= |20-60| = 2y= x+10y => A= (10) | A-LE1= |10-6= = (20-1) (10-1) => d=20, dz=10 Ocureus 1, 12 20, i & girtner my , TO P-1 (40) Le E criamin 3a Menyuolun (13+10) y" + (12+10) y" + (11+10) g" + (10+10) y=0 D = 22/23, 0,0 | D1 = 22 >0 | =7 | Sickey wassing 20 21/22/23 D2 = 22/21-20-23 = 2>0 <0 | Sickey wassing D = 0 0 20/21 | D3 = 20.21.23 >0 | The state of the P-K e Criamm Ba Kpiaepier Paycea-Typliga

NOB Zi(x1(i)+x2(i)) + x2(3)->opt 1 x,(h+1) = 9 x,(n) + 7xz(n) + 3 (1,(n) + 4 Cuth) 2 x2 (1+11) = 7x1(n) +9x2(n)+441(n)+542(n) A=(97) B=(34) X,(0)=2/x260)152 14261/57, 142(2) 155 14,(0)151,14,11)152 lu2(0)(52, lu1(2)/43 92={X1(2)+ x2(2)3+ x2(3) ->min /2(3) = 7 x1(2) + 9 x2(2) + 4 U1(2) + 5 U2(2) hz=8x,(2)+10x2(2)+(-12)+25=8x,(2)+10x,(2)-3 [Cu(2)=-3 Uz(2)=-5 Q1 = X1(1) + X2(1) + 8x((2) + (0 x2 (2) + 37 = = X1(1)+X2(1) +8(9x1(1)+7x2(1)+341(1)+442(1))+ + 10 (7x, (1) +9x2 (1) +4 (1, (1) +5 (12 (1)) =7 = 143 X,(1) + 113 x 2 (1) + 84 4, (1) + 8242(1) - 37= = 143 x1(1) +113 x2(1) -733 [41(1)=-2,42(1)=-7 9=X1(0)+X2(0)+143x1(1)+113x2(1) 739= = X1(0) + X2(0) + 143 (9X1(0) + 7X2(0) + 344(0) + \$42(0) 1) + 113 (7X1(0) + 9X2(0) + 44(0) + 542(0)) - 739=

= 2079 X1(0) + 2019 X2(0) + 8814(0) + 1/3742(0) - 739 = 2079X,(0)+2019X2(0)-3894) 4,(0)=-1 a) X1(0)=2, X2(0)=2 | d) X1(0)=2, X2(0)=-2 X, (1)=21 / x2(1)=18 | X1(1)=-7 , X2(1)=-18 X1(2)=281 | X2(2)=266 | X1(2)=-223 | X2(2)=-254 X (3) = 4362 | X2(2) = 43 24 | X (3) = -3814 X2(3) = -3884 B-96:1) (2,21,281,4362),(2,18,266,4324) 2) (2,-7,-223, 3814), (-2,-18,-254,-3884) $\begin{pmatrix} x_1 \\ x_2 \end{pmatrix} = \begin{pmatrix} 2 & 1 & 0 \\ 0 & 1 & 1 \\ 0 & 0 & 3 \end{pmatrix} \begin{pmatrix} x_1 \\ x_2 \\ x_3 \end{pmatrix} + \begin{pmatrix} e_1 & e_0 \\ 0 & e_2 \\ x_3 \end{pmatrix} \begin{pmatrix} u_2 \\ u_3 \end{pmatrix}$ (4) = (900) (x) (4) = (000) (x) (5000) (x) (4) = 2 d2=3 d3=4 1431 (00 | 900) = (6,900) (2+leg -d) (1+l2c2-6) (3+l3c3-6)= $\frac{1}{3} + \frac{1}{3} + \frac{1}$

2) \\ \left\{ \text{\tint{\texi\tex{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{ L3+62G=3 C3=0 r2+8, 9=2 5) { 2+6, G = 3 1+62C2= 4 => } C2= 3 3+63C3=2 6 3=63 P9= = >> 99= 6, 27 202= 6, 23=12 83 U= (9, (2, (3)); 2 2 1 3 (6, 182) (0, 62) (0, 62) (0, 62) (2,) = ; o), (0; 2; (d) (e) (e) (e)