1/2 1 - JX+2 = 0 , & = 0,01.  - tourabun manny juonenni uccognai дункущи  - tourabun manny juonenni uccognai дункущи	
175 2 B Karel Cinbe om pregna consumpaire bostonien [1,5; 2]  Thunemm rensos Encenque:	
Man 1 W. Le game ourpeque 0,5 > 28 -0,02, maxogun aregy you show the 2 15 + 2 - 175	1104
$f(a_0) = 0.13 > 0$ , $f(x_0) = -0.60 < 0$ .  Tyukyul ila simplyul [00, $x_0$ ] memerin zur $a_1 = a_0 = 1.5$ ; $b_1 = x_0 = 1.75$	uc
Mon 2. $6, -a_1 = 0, 25 > 28$ $x_1 = a_1 + b_1 = 1, 625$	
of flx, 1 = -0,30 20 As l no empeque [a, x, ] member year	14
2 Oz=Qo=1,5; b2=4,625  Paroneinne Enrusienne injegunabrens 6 marines	1
4 au bu Xu 3 nau flin   snau f(Xu) bu-au 2 0 1,5 2 1,75 + 0,5	2
1 1,5 1,75 1,625 + - 0,25 2 1,5 1,625 1,5625 + - 0,125	>
3 1,5 1,5625 1,53125 + + 0,0625 4 1,53125 1,5625 1,546875 + - 0,03125	>
	4
Ourbein: X = 1,54 ± 0,02	

N3 +1x)= x-1 - Jx+2 =0; &= 0,0001 Ompejou roxunguesum: [1,5;2]; xo=1,75 X = \p(x (k)) 2/1-9 -1 x - x 1 2 & - upuninguis ouverance Hararouae ognique procionomo malarosse. Menela prans.  $(x-1)^2$   $+ 2\sqrt{x+2}$   $+ (a_0) = 4,27$   $+ (b_0) = 125$ M=max f'(v) = -4,27, m=min f(x) = -4,25 2 = 1,25+4,27 = 0,36 - 9 - M-m = 4,27-1,25 = 0,55 - 0,55 - 1,222 12 miles: X, = 1,75-0,36 ( 3,75 - 0,75 )=1,53286 1,222-11,53286-1,251=0,26539>8 Zul mirep: X2 = 1,53286 - 0,36 ( \3,53286 - 0,53286) =1,531 1,222 11,53181-1,532861=0,0013> 8 21 minep: 13 = 7,53181 + 0,36 (13,53181 - 0,53181)=1,532 1,222 11,53222-1,53181 = 0,0005 > 8 41 milet: X4 = 1,53222 -0,36 (J3,53222 -0,53222)=1,53204 1,222 | 1,53204-1,532221 = 0,0002 > 8 94 milp: X= 1,53204-0,36 (Js,53204-0,53204)=1,532 1,222 11,53211-1,53204 = 0,00008 < & Our bein : x=1, 53211 ± 0,0001

N4 PM=43 + ex+1=0; 8=10-8 Outrejou rouarnjagen: [-1;3] Xxxx = Xx + \f(xu) \quad \qqq \quad \qq \quad \quad \quad \quad \qquad \quad \quad \quad \quad \quad \q 4 1/x)= - 12 +ex le runep: X = 1+ 7,72 = 1,83156 11-1,831561=0,83156>8 2e might X2 = 1,83156 +5,17 = 0,3067 11,83156-0,3067 = 1,53 > 8 3e much 1 13 = 0, 306 7 + 0, 10408 = 0, 47072 10,3067-0,410771=0,10407>8

N5 1-1 -4 9 6 1-9 -27 79 61 7 28 -71 - 47 -3 57 29 69 Bz 435  $\begin{array}{c} 7 - 1x_1 - 4x_2 + 9x_3 + 6x_4 = 58 \\ -9x_1 - 27x_2 + 79x_3 + 61x_4 = 435 \end{array}$ 7 xy + 28 x2 - 71 x3 - 47 xy = -455 -3 x1+51 x2+29 x3+69 x4= - 363 Mar 1. Ma, 1 = a21 = -9 = 9; M3, 1 = a4 = -7; M4, = a4 = 3  $\begin{cases} -X_1 - 4X_2 + 9X_3 + 6X_4 = 59 \\ 9X_2 - 2X_3 + 7X_4 = -96 \end{cases}$ -8 Kz+5 Ky=-42 63x2 + 2x3 +51x4 = -540 Mand. M3,2 = 0; M4,2 = - = 7  $(-1)_1 - 4x_2 + 9x_3 + 6x_4 = 59$ 9 x2 - 2x3 + 7x4 = -96 -8x2-5x4=-42 16 x3 +2 xy = 132 Mm 3 Mn, 3 = 16 = - 2 -x, -4x2+ 9x3+6x4=59 9x2-2x3+7x4=-96  $-8x_3 - 5x_9 = -42$   $-8x_9 = 48$ Defaminor i :  $Xy = \frac{48}{-8} = -6$ X3 = -42-5.6 = 9 Our bein: X= (2, -4, 9, 6) X2 - 96+2.9+7-6 = -4 1 = 59 +16 + 81 - 36 = 2

N5 az. B= -66 0 053 2x, - X2 2x, +10x2 + 3 X3 F 17 =-66  $-X_{2} + 5X_{3} - 2X_{4} = -66$   $X_{4} - X_{5} = 0$ Xy+2x5 = 27 Otojnamu 21-mor zn. gnaronam - 6: /i-v zp-me) narquarouany - Ci blacing to - di L1 = - 61 = 1; B1 = 61 = 5,5; 72 = 62+02 d1 = 10+2== 11 L2 = - C2 = 3 1/3 = d2 - 92 B1 = 17 - 25,5 = 6 1/3 = 62 + a2d2 = 5+3 = 5 23 = - 63 = 29 | B3 = d3 - 03 B2 = -66 + 5 360 | Y = by tayon = 1 dy = - Cy 1 = 1 = 1; By = dy-ay \$3 = 0; \$5= 2 = 0; By = 27 = 9  $X_5 = \beta_5 = 9$   $X_4 = 24 \times 5 + \beta_4 = 19 + 0 = 9$   $X_3 = 24 \times 5 + \beta_3 = 19 + 0 = 9$   $X_4 = 29 - 9$ X2=d2 X3+B2=-3(9)+6=3 X,=2, X2 + B, = = = 3 + 5,5 = 7

NS (-0,452 1,5 0,623) A = (1,742 -0,267 -0,395) (1,713 -2,745 -2,115) B= (6,22) 3,23 -6,64 Hopma ||A||\_1 = max \(\frac{2}{1} | Aig| \)

||A||\_1 = max \(\frac{2}{3}, 90\); \(\frac{4}{3}, 57\); \(\frac{3}{3}, 133\) = 4, 512 Nopula 11 Alle 2 / Eg |Aijli 327 11 All = 9, 58769 Nopura 11A1100 = max & 1Aij1 1516 n j= 1 11A1100 = max & 2,575; 2,404; 2,673} = 2,673 Nopure 1161/1 = 2 16:1 11 61/1 = 10,09 Mopure 11642 = JE 16:12. 116112 = 7,03782 Mopina 1161100 = max 16:1 11600 = 6,22 8,8 = 11811, = 0,015 =0,0014P7 162 [0,005] 526 = 11 6112 = 0,00866 -0,00123 112611 = 2 12621 =0,015 11 1 6 11 2 = 2 1 1 8 2 1 2 = 0,008 66 836 = 1181100 = 0,005 = 0,00080 11 A 811 = max 1 A 6:1 = 0,005

