```
Coun. 104 c noun nosigrap , noun bozzi nop i vill. gonuire pen
         \lambda_{1} = 1 \quad \text{i.e.} \quad 3 \quad (\lambda - 1)^{3} = \lambda^{3} - 3\lambda^{2} + 3\lambda - 1
y''' - 3y'' + 3y'' - y = 0
2) y = xex, y2 = e-x
           (\lambda^{-1})^{2}(\lambda^{+1}) = (\lambda^{-1})(\lambda^{2} - 1) = \lambda^{3} - \lambda^{2} - \lambda^{+1}
         22 (22+1)= x+22 y" = g" =0
                                lupestur ograpog. cecureum c nous. hosep
          Keuzh op-un xx(+1,...xn(+)
                                                                                                                                                                                   \bar{x} = \begin{pmatrix} x_1 \\ x_n \end{pmatrix} A = (\alpha_{ij}) \bar{x} = A_x
        X1=Q1, X1 + Q12 X2 + ... + Q115 K15
           Xn = Unaxa + Unaxa + - . - Unnxn
           Oluse peux
              X= C1x(1)(+)+ ... + C1. x(1)(+)
                \bar{\chi}^{(1)} \cdot \bar{\chi}^{(1)} \cdot \bar{\chi}^{(2)} \cdot \bar{\chi
                   . Xup-oc. yn-ue.
                                          do-1(A- NE) -0
  Jul. Eun 7 el? - lapare top, ypus.

\( \times = e^{\frac{1}{2}} \), \( \tilde{\tr} - \cos\cut_0 \) second genously 7
                                                                         , suo betrebus commons.
                                     Con bee of ... In a TR is possession
                                                                                              => osuse peu. X=C1entha
      Tyour 1- horem xap. yp-us, 7618
                        Ez- coscerl, mograp 60
                               En=9x: Ax = 173
                       1 & Limez & up. 2
     Docu. yours Mr. In- Egue cosus. B. o my
      Eun la hyper war un-ter getal. a positioner,
          Heor: a goon, you we
          hum up grunomous (=) be happen tap unter gescul
                                                                                                                                                                                      a thi dintx:= up. 7:
```

Com my A good, me grave (x) gra Eus, peu compositiones,

2 mm huendre u some senertin gener le pere. l ΦCP.

e<sup>λt</sup> Γ̄<sub>1</sub>, e<sup>λt</sup> (Γ̄<sub>2</sub>+tΓ̄<sub>1</sub>), e<sup>λt</sup> (Γ̄<sub>2</sub>+tΓ̄<sub>1</sub>), ..., e<sup>λt</sup> (Γ̄<sub>1</sub>+tΓ̄<sub>1</sub>-1)! Γ̄<sub>1</sub>) Be boyer crymin upin 11=3 I 11,77,2 - rem. X-Crent hit Crent hit Crent his TI Pin-hatha (a) dintex=2 を) diutai=1 (A-76) hn=0 (ローカモ) りえーじょ x= (, ent h, + (, ent (h, + th,) + (, enst h) ( A - 75) ( - 20 To, X=-2y-22  $A = \begin{pmatrix} 0 & -2 & -1 \\ 3 & 5 & 3 \\ -4 & -2 & -4 \end{pmatrix} \quad \begin{cases} \lambda = 1 \\ 0 & 1 \end{cases}$ y=3x 4.5y 4.32 5--x-2y-5 1-1: (-1-2-2) ~ (1 2 2) ~ (1 2 2) ~ (1 0 -1) ~ (0 2 3) ~ (0 2 3)  $\begin{pmatrix} x_1 \\ x_2 \end{pmatrix} = x_3 \begin{pmatrix} 1 \\ -3h \end{pmatrix} \qquad \begin{array}{c} h_1 - \begin{pmatrix} -3 \\ 2 \end{pmatrix} \\ \text{dim } E_1 = 1 \end{pmatrix}$ K-3 = K3 (A-6) ha-ha (1 -1 -1 | 2 ) ~ ~ ~ (1 0 -1 | 1 ) (3 ~ ~ 2 | -3 ) ~ ~ ~ ~ (0 2 3 | -3 ) (4 -2 -2 | 2 ) ~ ~ ~ ~ (0 0 0 | 3 ) X2 = - 7/2 X 3 - 3/2 (X2) - X - (-3/2) + (-3/2) X=-19-22 えニーメーフター チ・ Bosever hube-us Mr. K3=-4 hz= (0) Mucoey 6-p- herreure present view. Ers meuze menon pen uponaprenentatio ( B ominime our costre) -1 Seven helier-mo peu  $A-2E=\begin{pmatrix} 2 & -2 & -2 \\ 3 & 3 & 3 \\ -4 & -2 & -3 \end{pmatrix} \sim ... \sim \begin{pmatrix} 4 & 0 & -4 \\ 0 & 4 & 2 \\ 0 & 0 & 0 \end{pmatrix} \quad \begin{array}{c} K_{4}=K_{3} \\ K_{3}=-2K_{3} \\ K_{5}=K_{3} \end{array} \quad \overline{h}_{5}=\begin{pmatrix} 4 \\ -2 \\ 4 \end{pmatrix}$ 

Oulen: (x) - C1et (2) + C2et (0) + t (2) + (3e2+ (1)