1) KELM 2 \{ x \in Q \ \L(x) > 1H} @ YAEG A.H.A' EH -> MA VH31H -> (A.W.A') 5 N(A) 1H. N(A) 5 1H The state of the s TUN AUTOUBTORE E UN VETTORE APP. A V T.C. T(Y) = A. Y CON A AUTOVAL ASSOCIATO 17 € 100 COPPLIM -> TEOR. EVLER. A = A(N) (1) 17 18 5 17 272 (100) (100) 5 52. 22 5 6 (25) · (4) 5 60 · 2 540 1,2,3,4,6,7,3,9,11,12,13,14,16,17,18,79,21,22,23,24 1,3,7,9,41,13,金17,19,21,23,27,29 $-\lambda \cdot \lambda \begin{pmatrix} 1-\lambda & 0 & 0 \\ 0 & 1-\lambda & 0 \\ 0 & 0 & -\lambda \end{pmatrix} + 1 \cdot \lambda \begin{pmatrix} 0 & 1-\lambda & 0 \\ 0 & 0 & 1-\lambda \\ -1 & 0 & 0 \end{pmatrix} -\lambda \begin{pmatrix} 1-\lambda & 0 \\ 0 & -\lambda \end{pmatrix} \end{pmatrix} + \frac{1}{2} 1-\lambda \cdot \lambda \begin{pmatrix} 0 & 1-\lambda \\ -1 & 0 \end{pmatrix}$ 5- \ (1- \lambda (1- \lambda \cdot -\lambda \) + (1- \lambda) \ \(\lambda \l 5 - \ (-\lambda + \lambda^2 + \lambda - \lambda^3) + (-1 = 2 + \lambda + \lambda + \lambda - \lambda^2) - \lambda^2 - \lambda^3 - \lambda^2 + \lambda^4 - 1 + 2\lambda - \lambda^3 + 2\lambda^4 + 2\lambda - 2\lambda^3 + 2\lambda^4 + 2\lambda^4 + 2\lambda^3 + 2\lambda^4 + < 24 - 23 - 22 +22 -1 N 2 { 1 | RADICI: 1,-1 V-15 } \ | a agenalizable $\begin{pmatrix} 1 & c & -1 \\ 0 & 2 & c & 0 \\ c & 0 & 2 & c \\ -1 & 0 & c & 1 \end{pmatrix} \longrightarrow \begin{pmatrix} x - \sqrt{5} & 0 \\ 0 & c & c \\ -1 & 0 & c & 1 \end{pmatrix}$

```
(1) -) x = 2 (9) -) x = 2(9) -) x = 2(9)
                                                                                         x \(\frac{1}{2}\) \(\frac{1}{2
    345 1(5) => x = 2 (5)
    432 (5)
    X 5 2 (3)
                                                                                                                                                                           5x+3752
                                                                                                                                                                        95$ 342 -> (1,-1)
                                                                                                                                                                          35277 (-1,1) (-2,2) (2+3K)
KT = { P(x) = m[x] | T(p(x)) = ov}
                     ( Sand
          12+2x+1 5 (1+x) +2 (1+x) +1 + (1-x) +2 (1-x) +1 5 1+2x+x2+2+2+3x+1+1-12x+x2+2-12+15
                                                                                                                                                                                   52x 44
5x 3 1 (9) -> x 3 2(9) 5 x 3 2 (9)
+ 5 (S)
                                                                                                                                                                                                                     (449x) = 4
  × 3/ (3)
                                                                                           xxxx 20+27547 (45) 9x+6452
                                                                                                      2(45)
                                                                                                                                                                            955+4 ->(1,-7)
                                                                                                                                                                             5=4+7 (-1,2) ->(-2,4) ->(-2+5)=3
        2 17
        7 34
                                                                         15
                                                                         30
         6 57 6
                                                                         45
          5 68 8
                                                                          60
          4 15 105 10
                                                                          90
          3 10 Z 13
                                                                        105
          E 179 1
                                                                      120
                                                                       135
                                                                                               27
                  CENT
                                                                      150
          16-13 6 -21
                                                                                               90
                                                                      165
                                                                                               99
                  161
                                                                      180
                                                                                               108
                                                                     195
                  186
                                                                                              114
                                                                                              126
                                                                                              135
                                                                                              1 44
                                                                                               153
```

$$1 + x = 1 - x = 0 \quad - x$$

- × 2 c