Conigé CC nº2

Done Fn'est pous un seu de 1R2

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Escarine 2
 H= \((\aigma_1\text{y},\frac{3}{3}) \in \mathbb{R}^3 \) 32+4-3=0
 A={(0,1,1),(1,1,4)}
1) * Sat (2, y, 3) € Vect (A)-
    On évit (a14,3) = & (0,1,1) + \( (1,1,4) \) ava d, \( \beta \) \( \ext{R} \)
   On a 
\begin{cases}
0 = \beta \\
y = \alpha + \beta \\
3 = \alpha + \beta
\end{cases}

  D'ai 32+4-3=3B+(d+B)-(d+4B)=0-
  Done (2,4,3) EH-
   On en déduit Vert (A) CH-
   * Sat (214,3) EH. On a 321+4-3=0-
    Sount a, B @ R-
    (a14,3)= 2(011,1)+B(1,1,4)
    \Rightarrow \begin{cases} x + \beta &= 2 \\ x + 6\beta &= 3 \end{cases}
                                               Lywh
   la e-la-l1
  L3 ← L3 - 3 Le
                         = 3-9
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Examine 3

$$a_{1} = (1.0,21), \quad d_{2} = (2.1,01), \quad a_{3} = (9.1,2)$$

A) Soint $\alpha_{1},\alpha_{1},\alpha_{3} \in \mathbb{R}^{-1}$
 $\alpha_{1} + \alpha_{2}, \alpha_{2} + \alpha_{3} = 0$
 $\alpha_{1} + \alpha_{2}, \alpha_{3} + \alpha_{4}, \alpha_{5} = 0$
 $\alpha_{2} + \alpha_{3} = 0$
 $\alpha_{4} + \alpha_{4}, \alpha_{5} = 0$
 $\alpha_{5} + \alpha_{5} + \alpha_{5} = 0$
 $\alpha_{6} + \alpha_{7} + \alpha_{7} = 0$
 $\alpha_{7} + \alpha_{7} + \alpha_{7} = 0$
 $\alpha_{8} + \alpha_{8} = 0$
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 $\alpha_{1} + \alpha_{2} = 0$
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$$M = \begin{cases} \beta_{1} & \alpha_{1} + \beta_{2} & \alpha_{2} + \beta_{3} & \alpha_{3} \\ \beta_{1} & + \beta_{3} & = 6 \end{cases}$$

$$\begin{cases} \beta_{1} & + \beta_{2} & = 3 \\ 2\beta_{1} & + \beta_{3} & = 6 \end{cases}$$

$$\begin{cases} \beta_{2} & + \beta_{3} & = 6 \\ -4\beta_{2} & + \beta_{3} & = 6 \end{cases}$$

$$\begin{cases} \beta_{3} & + \beta_{3} & = 6 \\ -4\beta_{2} & + \beta_{3} & = 6 \end{cases}$$

$$\begin{cases} \beta_{4} & + \beta_{3} & = 6 \\ -4\beta_{3} & = 6 \end{cases}$$

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