Bujuann 27

$$A = \begin{pmatrix} 3 & -1 & 0 \\ -2 & 1 & 0 \\ 1 & 0 & 3 \end{pmatrix}$$

$$L\left(\frac{y}{y}\right) = \left(-\frac{y}{y}\right)$$

$$L = \begin{pmatrix} -1 & 0 \\ 0 & 1 \end{pmatrix}$$

$$\ell_1 = \begin{pmatrix} 1 & 0 \\ 0 & 0 \end{pmatrix}$$
 $\ell_2 = \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix}$

$$L(e_2) = \begin{pmatrix} 4 & 3 \\ 3 & 3 \end{pmatrix} \begin{pmatrix} 9 & 1 \\ 1 & 0 \end{pmatrix} + \begin{pmatrix} 9 & 1 \\ 1 & 0 \end{pmatrix} \begin{pmatrix} 4 & 3 \\ 3 & 3 \end{pmatrix} = \begin{pmatrix} 6 & 4 \\ 9 & 6 \end{pmatrix} = 4 \cdot 2 + 6 \cdot 2 + 6 \cdot 2 = 4 \cdot 2 + 6 \cdot 2 = 4 \cdot$$

