$$\begin{pmatrix} 7 & -1 & 1 \\ -15 & 2 & -3 \end{pmatrix} FZ > 1SF1 + 7F2 \begin{pmatrix} 7 & -1 & 1 \\ 0 & -1 & -6 \\ -7 & 1 & -1 \end{pmatrix} F3 - 5F1 + F3 \begin{pmatrix} 7 & -1 & 1 \\ 0 & -1 & -6 \\ 0 & 0 & 0 \end{pmatrix} - 7x + 7z = 0 - 10$$

$$\begin{pmatrix} -1 & -1 & 1 \\ -15 & -6 & -3 \\ -7 & 1 & -9 \end{pmatrix} \xrightarrow{F2-} 15F1-F2 \begin{pmatrix} -1 & -1 & 1 \\ 0 & -9 & 18 \\ 0 & -8 & 16 \end{pmatrix} \xrightarrow{F3-} 8F2-9F3$$

$$\begin{pmatrix} -1 & -1 & 1 \\ 0 & -9 & 16 \\ 0 & -8 & 16 \end{pmatrix} \xrightarrow{F3-} 8F2-9F3$$

$$\begin{pmatrix} -1 & -1 & 1 \\ 0 & -8 & 16 \end{pmatrix} \xrightarrow{F3-} 8F2-9F3$$

$$\begin{pmatrix} -1 & -1 & 1 \\ 0 & -9 & 18 \\ 0 & 0 & 0 \end{pmatrix} \xrightarrow{-1} \begin{pmatrix} -1 & -1 & 1 \\ 0 & -8 & 16 \end{pmatrix} \xrightarrow{F3-} 8F2-9F3$$

$$\begin{pmatrix} -1 & -1 & 1 \\ 0 & -8 & 16 \end{pmatrix} \xrightarrow{F3-} 8F2-9F3$$

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$$\begin{pmatrix} -1 & -1 & 1 \\ 0 & -9 & 16 \\ 0 & -9 & 16 \end{pmatrix} \xrightarrow{F3-} 8F2-9F3$$

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$$\begin{pmatrix} -1 & -1 & 1 \\ 0 & -9 & 16 \\ 0 & -9 & 16 \\ 0 & -9 & 16 \end{pmatrix} \xrightarrow{F3-} 8F2-9F3$$

$$\begin{pmatrix} -1 & -1 & 1 \\ 0 & -9 & 16 \\ 0 & -$$

A.
$$P = P. J$$

Signal $P = \{v_1, v_2, v_3\}$ $\{v_3 = (-1, 2, 1)\}$
 $\{v_3 = (-1, 2, 1)\}$

$$A_{1}V_{1} = 0001$$

$$A_{1}V_{2} = [V_{1}, v_{2}, v_{3}] \cdot [V_{1}] = v_{1} + 2v_{2} - v_{1} \cdot (A_{1} - 2I)v_{2} = v_{1}$$

$$A_{1}V_{2} = [v_{1}, v_{2}, v_{3}] \cdot [V_{2}] = v_{1} + 2v_{2} - v_{2} \cdot (A_{1} - 2I)v_{2} = v_{1}$$

$$4 + 6z = -3 + 7$$

$$4 \times -2; -57 - 6z; z) = z - (-1; -6; 1) + (-8; -57; 0)$$

Entonces tomo = 0 4 vz = (000); = 5710)

Ren la tomto $P = \begin{bmatrix} -1 & -1 & -1 \\ -6 & -57 & 2 \\ 1 & 0 & 1 \end{bmatrix}$ $= \begin{bmatrix} 2 & 1 & 0 \\ 0 & 2 & 0 \\ -6 & 0 & -6 \end{bmatrix}$