$$\begin{cases}
\dot{X} = -3x + y \\
\dot{y} = x - 3y
\end{cases}$$

$$\begin{vmatrix}
-3 - \lambda \\
1 - 3 - \lambda
\end{vmatrix} = (\lambda + 3)^2 - 2 = \lambda^2 + 6\lambda + 4 = 0$$

$$\begin{vmatrix}
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NIS3

$$\begin{vmatrix}
x - 3x - y \\
y = x + y
\end{vmatrix}$$

$$\begin{vmatrix}
3 - 3 - 1 \\
1 - 1
\end{vmatrix} = (3 - 1)(3 - 3) + 1 = (3 - 1)$$

$$\begin{cases} x = 2x - 3y & A = \begin{pmatrix} 2 - 3 \\ 3 & 2 \end{pmatrix} \\ y = 3x + 2y & A = \begin{pmatrix} 2 - 3 \\ 3 & 2 \end{pmatrix} \\ E = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}, S = \begin{pmatrix} 0 & 1 \\ -1 & 0 \end{pmatrix}, S^{2n} = \begin{pmatrix} -50^{n}E \\ -1 & 1 \end{pmatrix}, S^{2n+2} = \begin{pmatrix} -51^{n}S \\ -1 & 1 \end{pmatrix}, S^{2n+2} = \begin{pmatrix} -51^$$

