$$E - \lambda 5^{-5} \Lambda = \left(\begin{bmatrix} 5 - 1 - \lambda \\ 1 - \lambda \end{bmatrix} + 3b = (\lambda)q \quad \begin{bmatrix} 5 & 1 \\ 1 & 5 \end{bmatrix} = A \quad (5)$$

Autoval. ->
$$\lambda^2 = 2\lambda - 3 = 0$$
 $\Rightarrow \lambda_1 = 3$
 $\frac{1}{2} + \sqrt{1+12}$ $\Rightarrow \lambda_2 = -1$.

Pond
$$\lambda = -1$$
 $\begin{pmatrix} -2 & -2 \\ -2 & -2 \end{pmatrix}$
 $F20F1-F2$
 $\begin{pmatrix} -2 & -2 \\ 0 & 0 \end{pmatrix}$
 $X = X \cdot (1, -1)$

ANTOVECT.

入二-1.

$$Y_{1} = e^{3t}$$
 (1) $Y_{2} = e^{-t}$ (1) $Y_{3} = e^{-t}$ (1) $Y_{4} = e^{-t}$ (1) $Y_{5} = e^{-t}$ (1) $Y_{5} = e^{-t}$ (1) $Y_{6} = e^{-t}$ (2) $Y_{6} =$

-) $k_1 + k_2 = \partial_{-1} = \partial_{-$

$$\Rightarrow Y(t) = \left(\frac{\partial+6}{2}\right) \cdot \left(\frac{\partial}{\partial}\right) + \left(\frac{\partial-6}{2}\right) \cdot \left(\frac{\partial}{\partial}\right)$$

Para que

117(t) 11 rea

acotade, emonces

Cumdo t->00

Pon la forme les velones de 40EIR?

que cumplan esta ronde la fonma

(-6,6)