Haxedeum cosculente ruica

$$|\lambda - \lambda| = \lambda^2 - 5 \times \lambda + 4 =$$

$$= (\lambda - 1) \times (\lambda - 4)$$

$$1, \lambda_1 = 1$$

$$2. \lambda_2 = 4$$
Sue randozo λ .
$$1. \lambda_1 = 1$$

$$4 - \lambda_1 E = \begin{pmatrix} 1 & 2 \\ 1 & 2 \end{pmatrix}$$

$$4v = \lambda v$$

$$X_1 = -2X_2$$

 $X_2 = X_2$
 $X_2 = 1$, $V_1 = (-2)$

$$A = 4$$

$$A - \lambda_2 E = \begin{pmatrix} -2 & 2 \\ 1 & -1 \end{pmatrix}$$

$$A v = \lambda v$$

$$(A - \lambda E)v = 0$$

$$x_1 - x_2 = 0$$

$$x_1 = x_2$$