$$A = \begin{bmatrix} 3 & 6 \\ 5 & 4 \end{bmatrix}$$

$$AV = \lambda V$$

$$AV - \lambda V = 0$$

$$V(\underline{A} - \lambda) = 0$$

$$\begin{bmatrix} 3 & 6 \\ 5 & 4 \end{bmatrix} - \lambda^* \begin{bmatrix} 0 \\ 0 \end{bmatrix} = \begin{bmatrix} 3 & 6 \\ 5 & 4 \end{bmatrix}$$

$$\begin{bmatrix} 3 & 6 \\ 5 & 4 \end{bmatrix} = \begin{bmatrix} 3 & 6 \\ 5 & 4 \end{bmatrix} =$$

COV= 7.5

$$= \begin{bmatrix} 3-\lambda & 6 \\ 5 & 4-\lambda \end{bmatrix} = (3-\lambda)(4-\lambda) - 30 = 0 = X_{-} = -3\lambda - 4\lambda + \lambda^{2} - 18 = 0$$

$$= -3\lambda - 4\lambda + \lambda^{2} - 18 = 0$$

$$= -3\lambda - 4\lambda + \lambda^{2} - 18 = 0$$

$$= -3\lambda - 4\lambda + \lambda^{2} - 18 = 0$$

$$= -3\lambda - 4\lambda + \lambda^{2} - 18 = 0$$

$$= -3\lambda - 4\lambda + \lambda^{2} - 18 = 0$$

$$= -3\lambda - 4\lambda + \lambda^{2} - 18 = 0$$

$$= -3\lambda - 4\lambda + \lambda^{2} - 18 = 0$$

$$= -3\lambda - 4\lambda + \lambda^{2} - 18 = 0$$