

Bgm dengan matrix $\overline{A}$?

$$\det \left[\begin{bmatrix} \lambda & 0 \\ 0 & \lambda \end{bmatrix} - \begin{bmatrix} -1 & -2 \\ 0 & -2 \end{bmatrix} \right] = 0$$

$$\det \begin{bmatrix} \lambda + 1 & 2 \\ 0 & \lambda + 2 \end{bmatrix} = 0 \rightarrow (\lambda + 1)(\lambda + 2) = 0$$

$\lambda_1 = -1$
 $\lambda_2 = -2$

$$\underline{\lambda^2 + 3\lambda + 2 = 0}$$