$$A = \begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$$

$$DET(A - \lambda I) = \emptyset$$

$$DET \begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$$

$$\lambda^{2} = \emptyset$$

$$\lambda^{2} = \emptyset$$

$$\rho(A) = \emptyset$$