

8.06***

torsdag 29 februari 2024

20:48

$$\det(\lambda I - A) =$$

$$= \begin{vmatrix} \lambda-1 & -1 & 0 & 0 \\ -1 & \lambda-2 & -1 & 0 \\ 0 & -1 & \lambda-3 & -1 \\ 0 & 0 & -1 & \lambda-4 \end{vmatrix} =$$

$$= (\lambda-1)(\lambda-2)(\lambda-3)(\lambda-4) - (-1)^4 =$$