



Continuação 5)

$$A = \begin{bmatrix} -1 & -1 & 2 \\ 2 & 1 & -2 \\ 2 & 1 & -2 \end{bmatrix} + A^{-3} = \begin{bmatrix} 1 & 1 & 0 \\ 0 & -2 & 2 \\ 1 & 0 & 1 \end{bmatrix}$$

$$A + A^{-1} = \begin{bmatrix} 0 & 0 & 2 \\ 2 & 0 & 0 \\ 2 & 1 & 0 \end{bmatrix} B_{H}$$

$$06 (x.A)^{T} = B$$

$$XA. A = B^{T}. A^{-1}$$

$$X = B^{T$$

$$\begin{array}{c|c}
\hline
08 \\
A = \begin{bmatrix} 2 & k \\ -2 & 1 \end{bmatrix} & \begin{bmatrix} 2 & k \\ -2 & 1 \end{bmatrix} & 2 - (-2k) & = 2k + 2 \\
\hline
-2k & 2 & 2
\end{array}$$

(det(A) \$0 a det(B) \$0)

(a) (A+B). (A-B)=A2-AB+BA-B2 *0

(b) AB = BA - (A+B)2 - A2 + 2AB + B2 De AB = BA

d) det A-1 = 1 B=A-1

det B = 1 det A