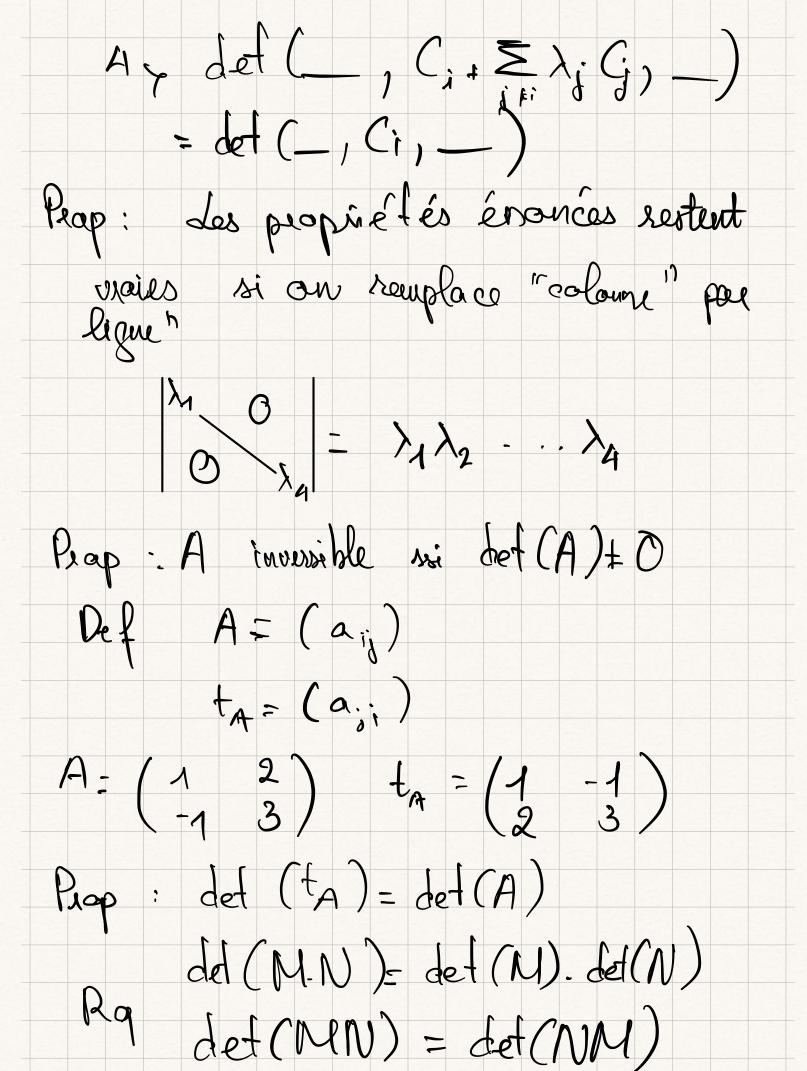
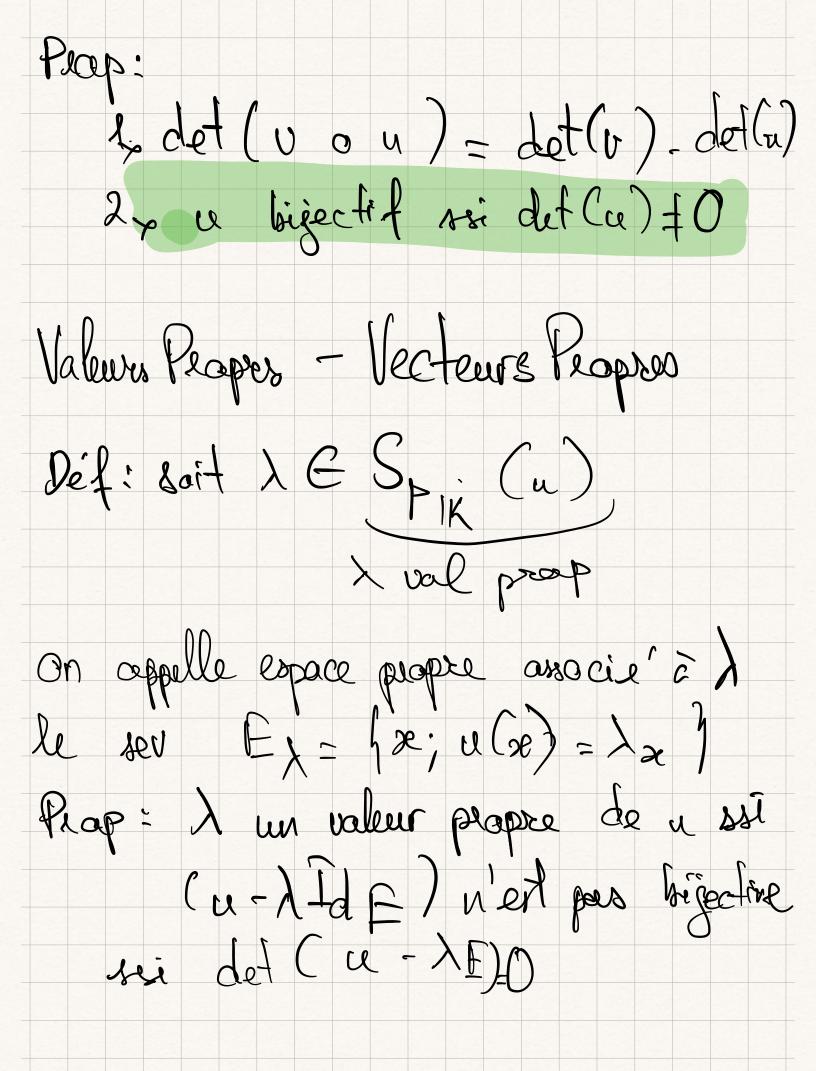
Determinant d'une motric d'une application

Cinéaire

$$A = \begin{pmatrix} a & c \\ b & d \end{pmatrix} = \begin{pmatrix} a & c \\ b & d \end{pmatrix} = ad - cb$$
 $A = \begin{pmatrix} -1 & 1 & -3 \\ 3 & 2 & 0 \\ 1 & -1 \end{pmatrix}$
 $def(A) = \begin{vmatrix} 1 & -3 \\ 3 & 2 & 0 \\ 1 & -1 & 1 \end{vmatrix}$
 $def(A) = \begin{vmatrix} -1 & 1 & -3 \\ 3 & 2 & 0 \\ 1 & -1 & 1 \end{vmatrix}$
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Carlaire def (p-1AP) = Let (A) Peap det = n (on _ on) borse de E ssi det (v1, _,vn) ‡ 0 9 det (P-1 AP) = det (p. p-1A) = del (I.A) = del(A) Def del (u) = det (MB(u)) instépendant de la base B DB 2, B' MB, (u) = PM(u) P det (Mg, (a))= det (p'Mg(a)P) = det (Mp(u))



Det \ _____ det (u - \tau - \tau):

polynomie caeacléeis tique de a noté Exemple: $M_{3}(a) = \begin{pmatrix} 2 & 4 & 0 \\ 0 & -3 & -5 \end{pmatrix}$ Xn= det (u-xR) - M(a)-XR

