ef. Dimension of affine subspace:	
if X⊆R ^d is affine subs	puce, and XEX
then, X-x is linear subsp	once, called linear subspace parallet to X
din (off(x)) = dim Cspan CX-;	· · · · · · · · · · · · · · · · · · ·
Dimension of convex set: for any CGR ^d is a	convex set,
dim(c) = dim(aff(x))
*: dim (Ø) = -1	
X is full-dimensional, it div	n (X)=d
emma X offine indep, Pr	
$\operatorname{dim}\left(\operatorname{coff}(X)\right)= X -1$	d:m (aff(x))= -1
	case2. X is nonempty, YXEX,
	L=aff(x)-x is linear subspace
	:. dim(aff(x))= dim(span(L))
	= x -