Det/ (slice, slice rank) f: A > # is called a slice if f(X1,--, XK)= h(Xi). g(X1,--, Xi+1, Xi+1,--, XK) for some iECK7, h: A>H, S:AKI->H For f: A >H, the slice rank of f is the not mEZ S.t. f is a linear combination of m dies. (K=2, normal rank of notrices) Len (rank of diagonal tensors) KEZK>2; A=finite set; F: field; f: AK > T St. f(X1,-1,XK) \$> \(\) = \(\) = \(\) XK Sr(f) = | {x ∈ A: f(x,--,x) ≠0}