$f(A) = A^{-1} \times (X^{\dagger}A^{-1}X)^{-1}; \quad X : nxm; \quad \mathcal{R} : mxm, \quad \Delta : nxh$   $f(\Delta) = S^{-1} \times (X^{\dagger}A^{-1}X)^{-1}$   $\Delta f(\Delta) = X (X^{\dagger}J^{-1}X)^{-1} \quad X^{-1}\Delta f(\Delta) = [X^{\dagger}J^{-1}X]^{-1} = >$   $= 1 \quad X^{\dagger}J^{-1} \times X^{-1}J \quad f(\Delta) = \hat{E} \quad = 7 \quad X^{\dagger}f(\Delta) = \hat{E}$   $\text{Tranger} \quad f(\Delta) = (X^{\dagger})^{-1} \text{ he zallurum am } \Delta \text{ hillipho}$   $\text{Tranger} \quad f(X \mathcal{L} X^{\dagger} + \Delta) = (X^{\dagger})^{-1} = f(\Delta) \quad \text{ wanyinga } nxh$   $f(X \mathcal{R} X^{\dagger} + \Delta) = f(\Delta), \quad \mathcal{L} m. g$