public key cryptosystem using LWE MXM

AVV XV) 1= Arc — (m > n log 2)

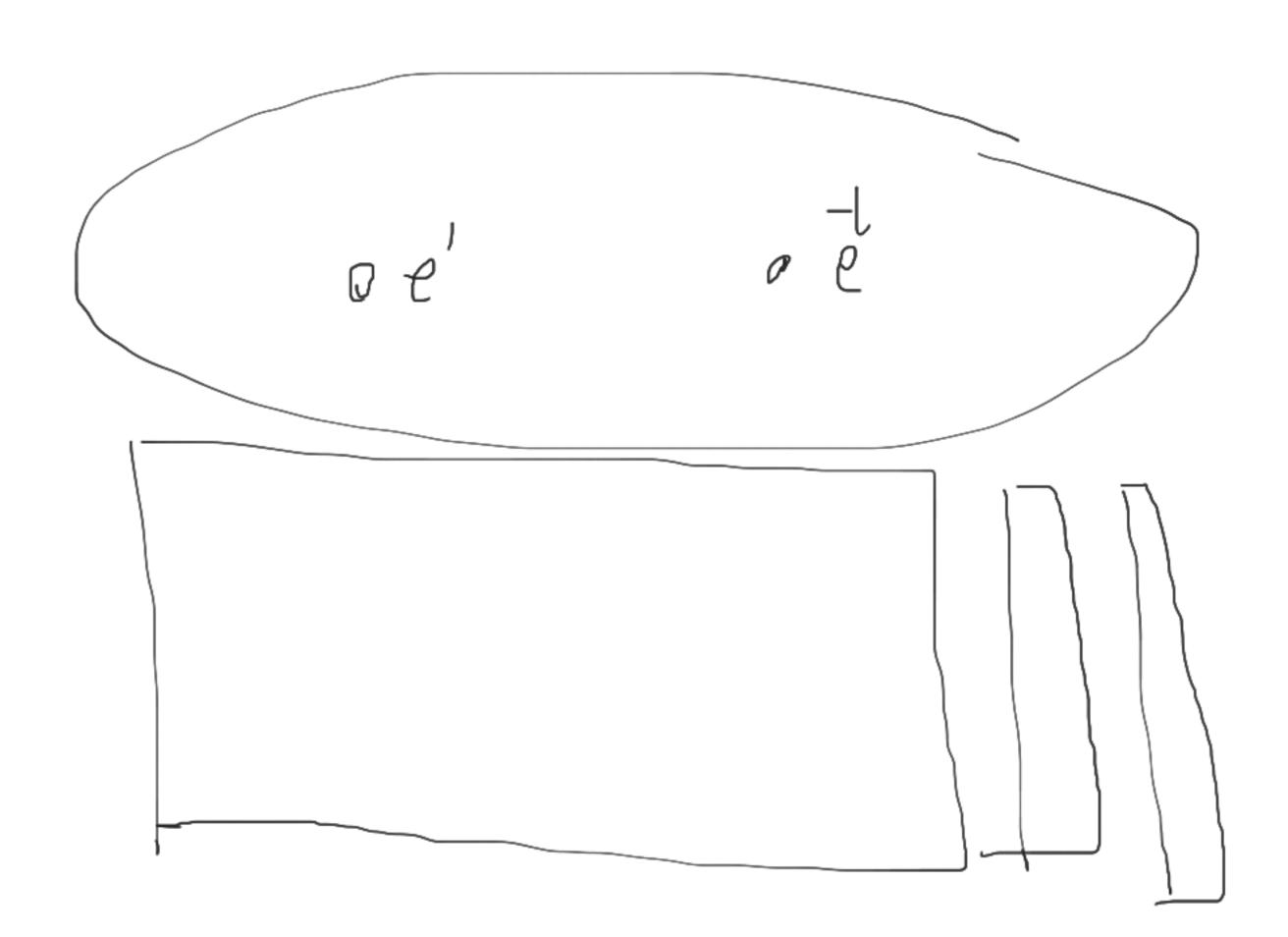
Ll, 2e, 5

K (130) 1 = bit $\left(\begin{array}{ccc} t = + \\ 5 + \\ 7 + \\ 7 \end{array}\right)$ = stu+ c" + 2/2 bit 1 X - SU - SU - PTE-

1 - pt + bit 1005

A. U) francism

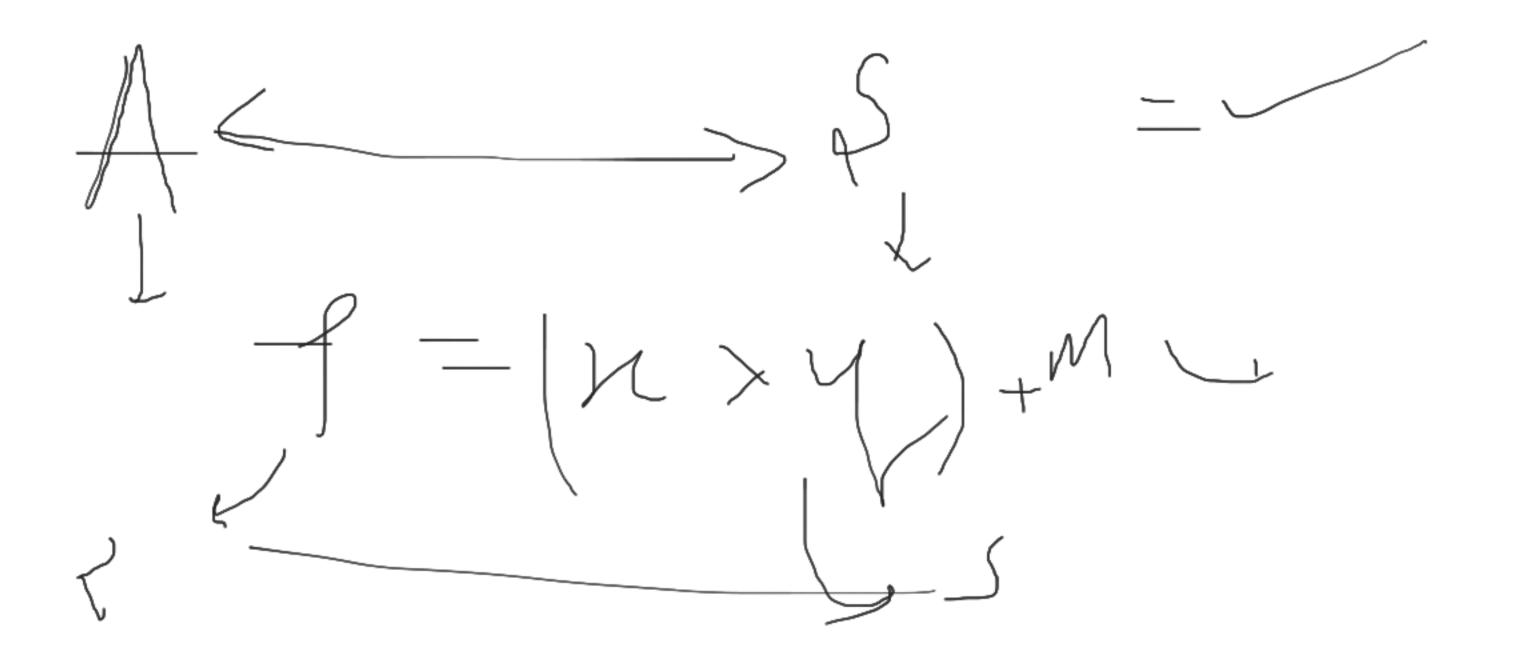
StAn



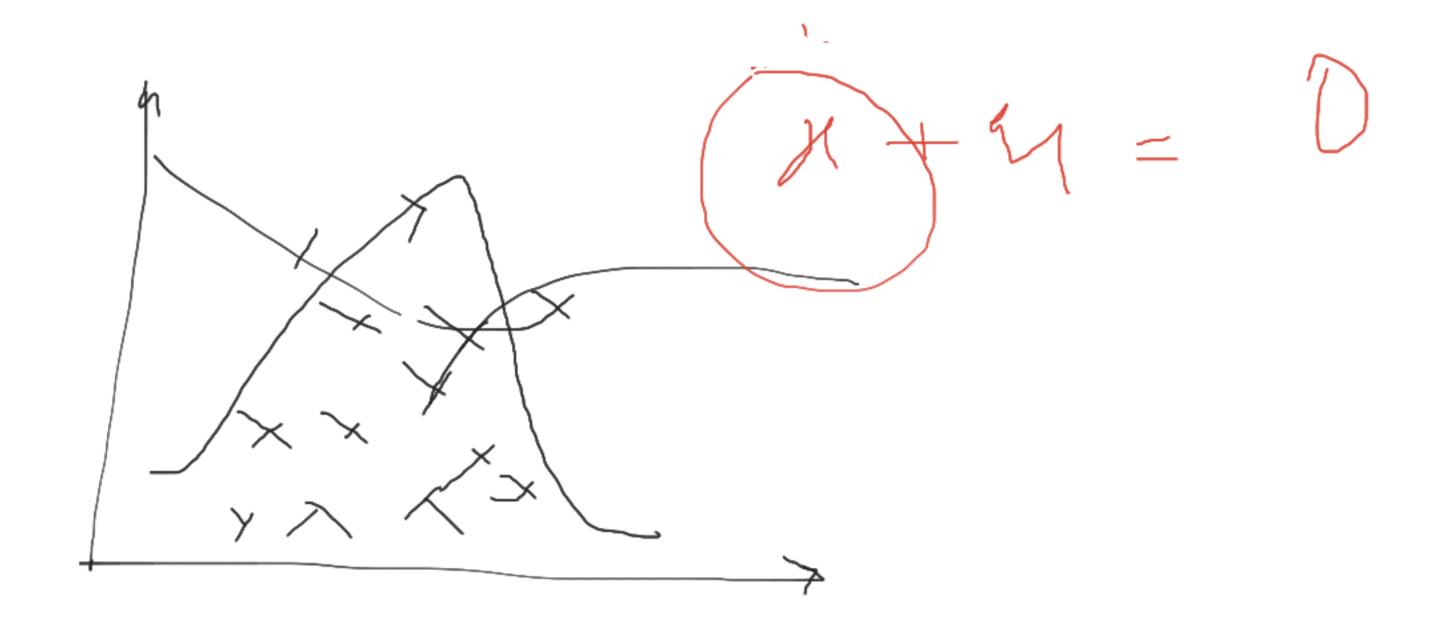
ight al Light U 2 An -u= Ant V/ - + 8 E Z SK=T Trap liver

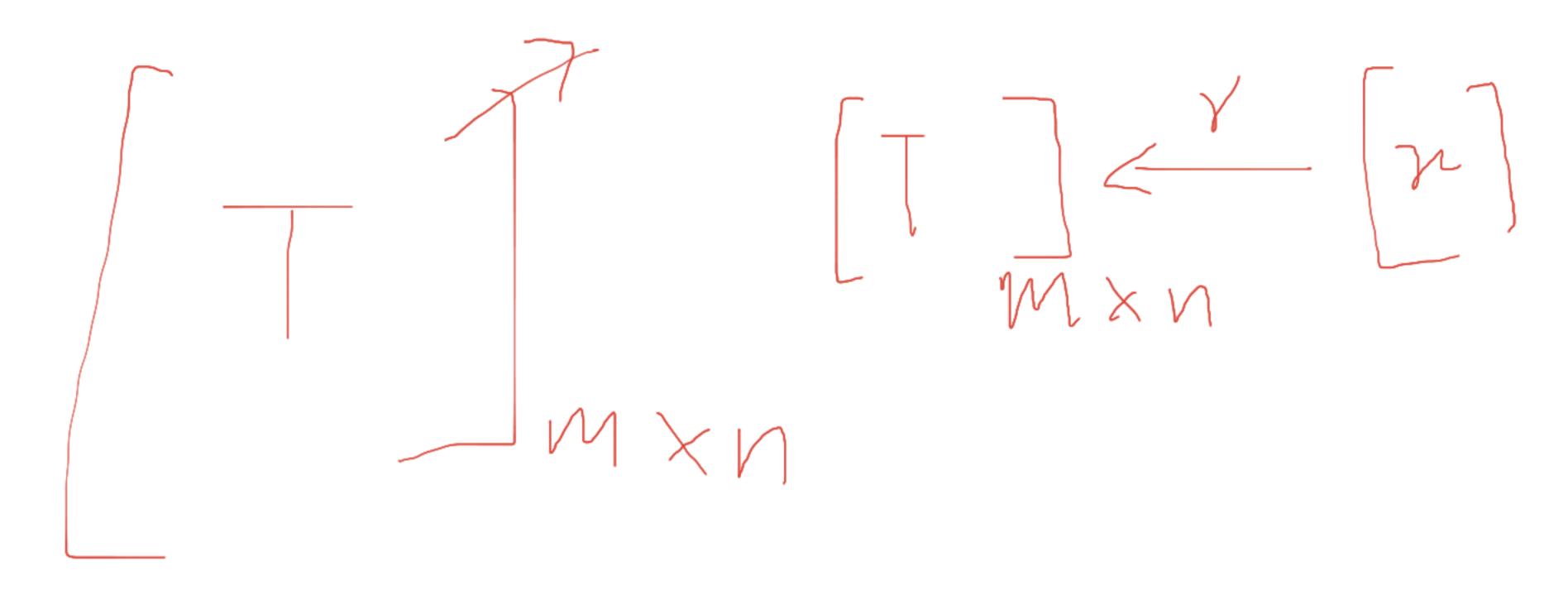
W= 4 -> 7 Which Sign (7, 11) An - H(M)



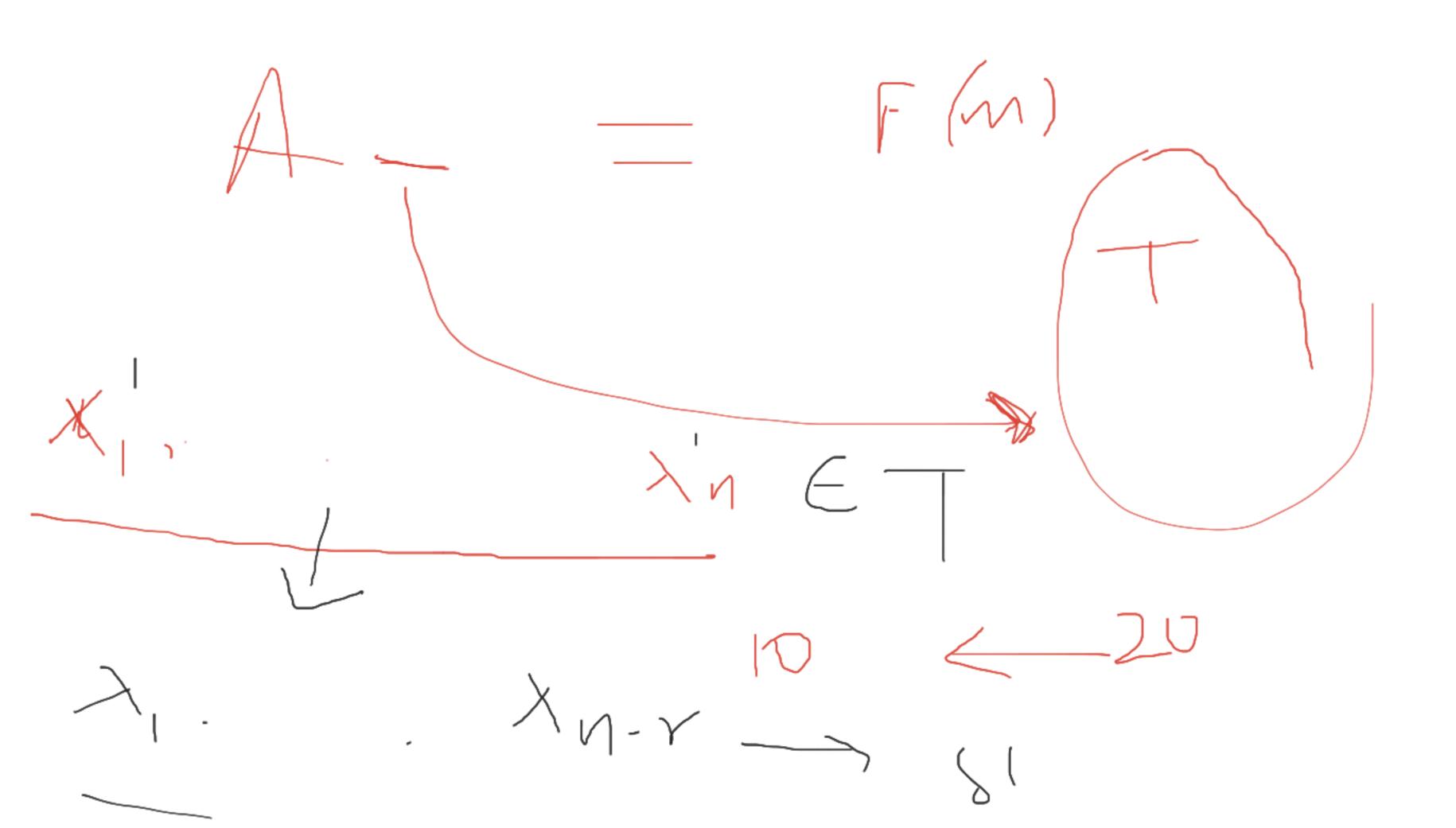


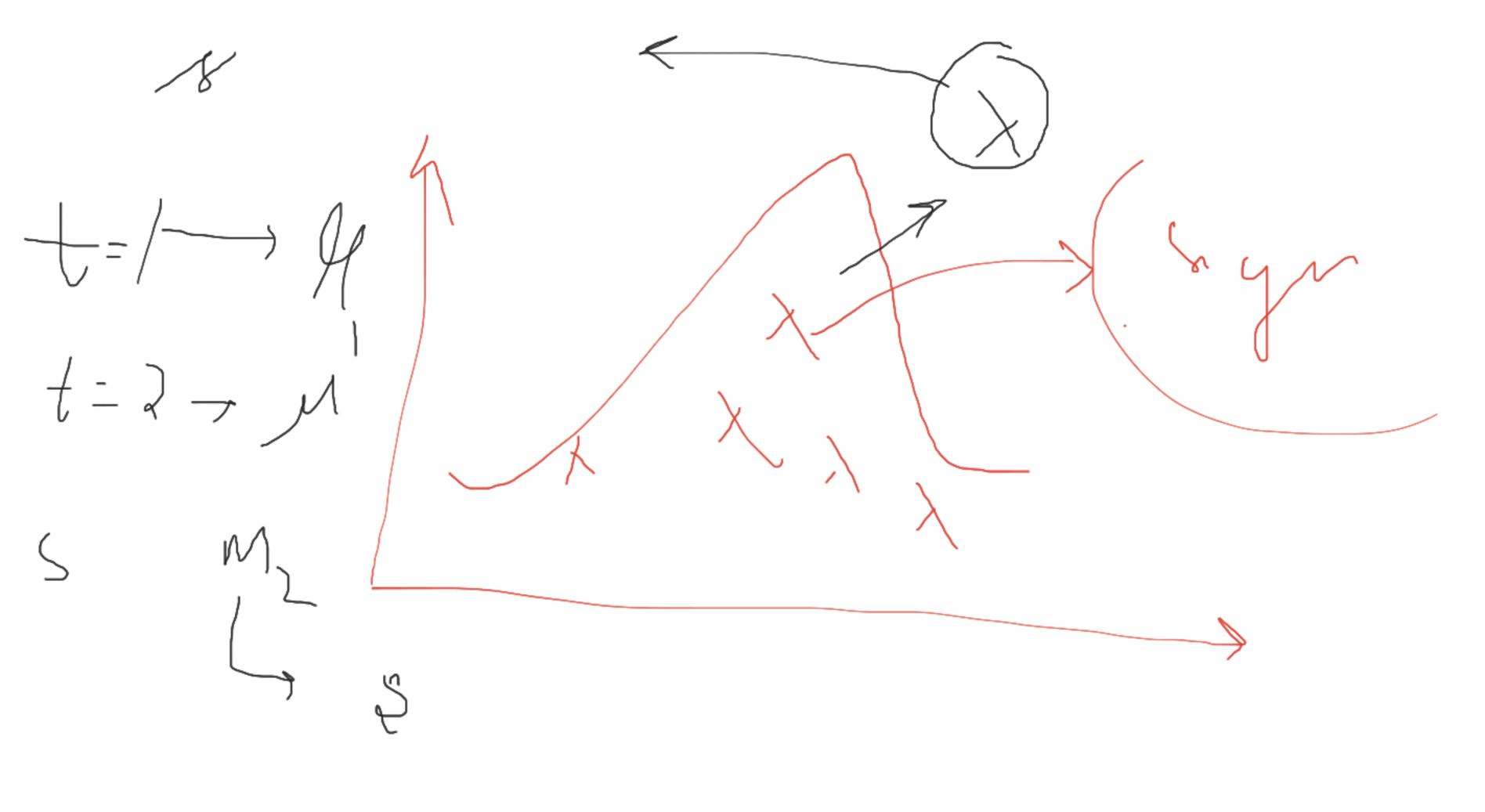
1) > pus T) sent M Ax = F(M)





MX1 MXM __m>n





Verify (A, m, i) $A \rightarrow F(M)$