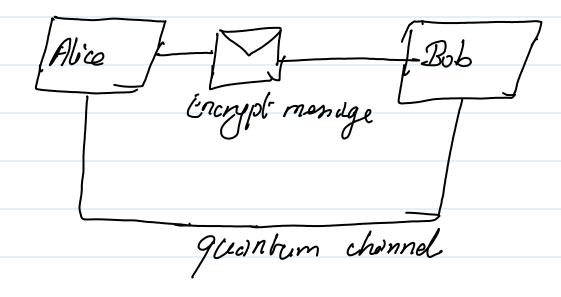
Message Encryption

let Message = "0111001101"



let Alice has 10 entringled qubit.
Then she gove the one qubit from each entringled pair to Bob

$$14p(e) = 10+)+111)$$
 $\sqrt{2}$

i) Alice measure her qubit be 1

the bob qubit collapses and his necessarement is also be 1.

Similarly,

if Alice mensure 0 then Bob also
measure 0.

of Alice measurement be '0011001010' So, Bob also measure same sequence.

Encryphion

Alice encrypt her measure using Bit wise NOR.

10/11/001(0) 1001000000

0100000111

She moil their encrypted to Bob. Then Bob measure his qubit and decaypt her mensage.

0/0000011) (D) 001 1001 0/0

Ventication:

Alice message = 15010



Tor 100 hill, couch time we get unique d'except menage. '11010'