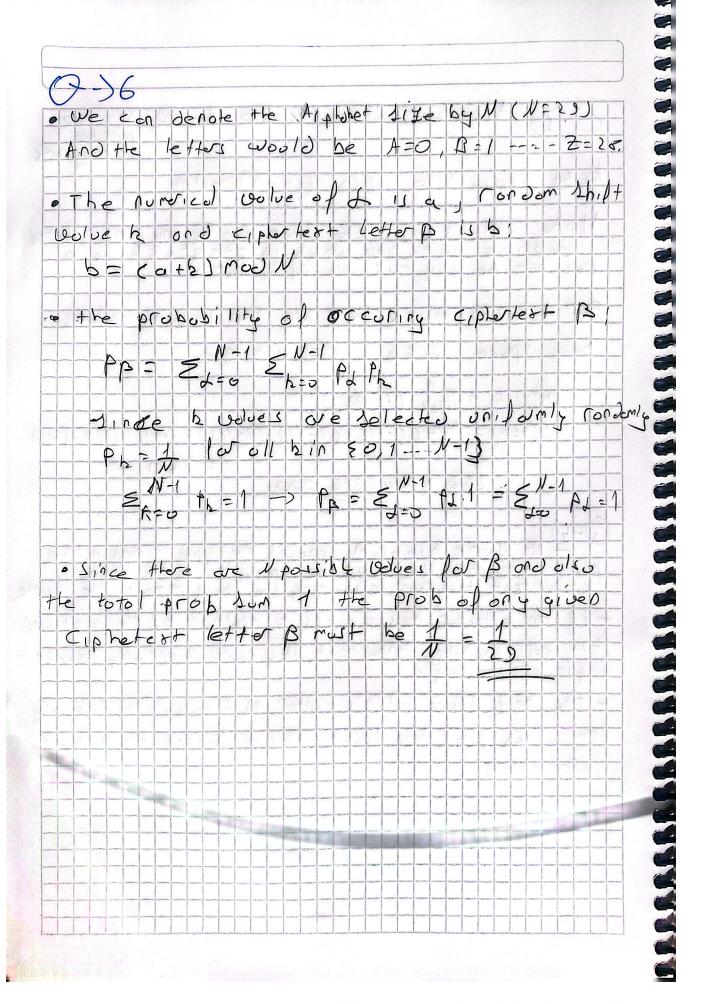
**666666** COP = 05x05 06 05 20 400 10 20 10 20 20 = 900 polsible biog rums 9 -5 bey space site it(x)=(x+5) modm --5 Alpha colves (a): the volve can be any number that is copine with 900 which is 22x 32x 52. So a con not be any multiple of 2, Jos 5 -For beta (b) colves there are 100 passible colves -bey space 1, te = \$(900) × 900 4 6(m) = m TT, (1-1/4; ) -6(900) = 200(1-112)(1-113)(1-115) = 200.(112)(415) = 240 240 x 200 = 216 000 Q-4) plointext, it will olways be entrypted to the times of the cipher text biogram osluming the bey remains the same - if on attacker has access to aportion of plaintext and It is corresponding Exphatest, they could potentially recesseengineer the beg. - The beg space of this copher as I colculated relatale Small. This small keg space makes it dosceptible to brute loce officer 4 



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