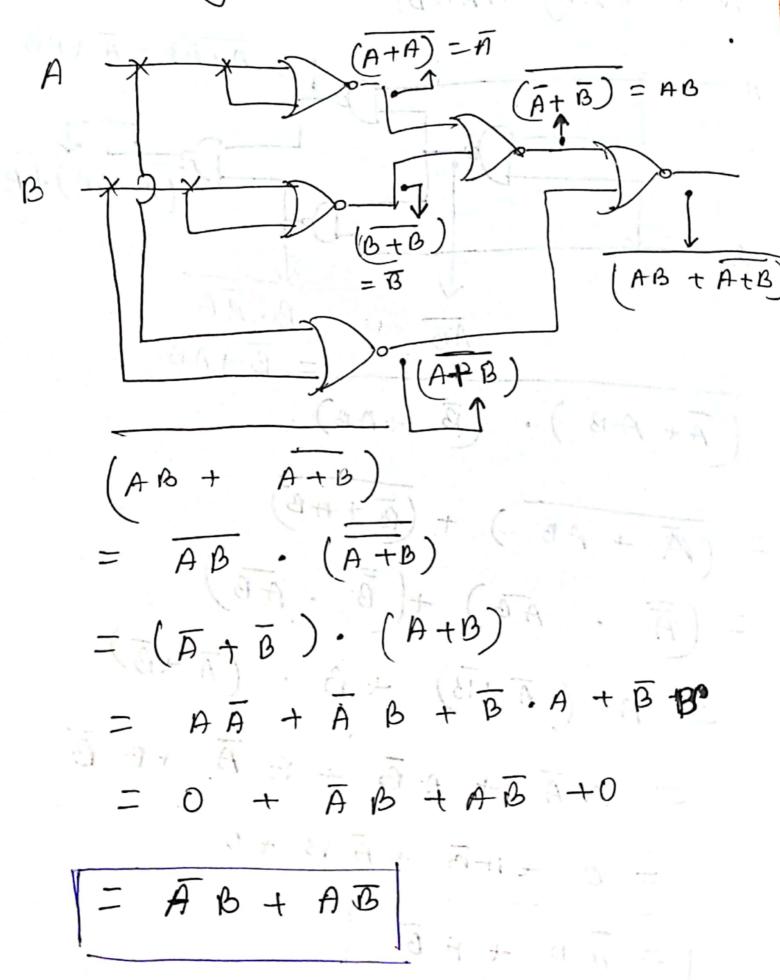
XOK Using Nok! XOR Using NAND: > A. AB = A + AB A +AB) · (B+AB) B. AB = B-+AB (A+ AB). (B+AB) = (A + AB) + (B + AB) = (A · AB) + (B · AB) = A (A+B) +B. (A+B) = AAT AB + BA + BB 0 + HB + AB + D = AB + AB

XOR Using NOR:



NAND: XNOR > (A.AB) (B.AB) B. AB (A. AB)+(B.AB) (A + (AB) · (B+AB) = (A + AB) · (B + AB) AB + AB + AB B + AB = AB +01+0++AB = AB + AB