

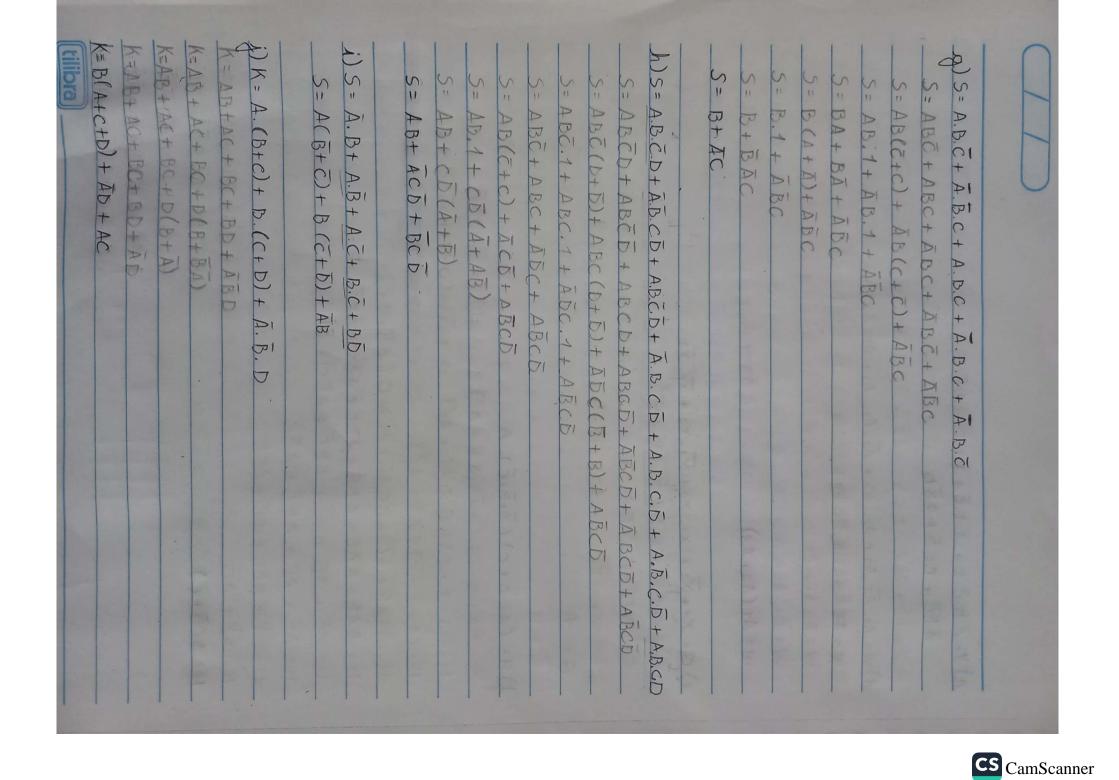


c)[c.D.E+B.C].A+[(B+D)+(B+D)].A C.D.E+B+C].A+[B.D+B+D].A A.C.D.E+AB+AC+A.B.D+AB+AD A.B. + A.B.D + AB + AD + A.C. D.E + A.C. AB+AB+AD+ACDE+AC A(B+B) + AD + ADCE+AC A.1 + AD + AZ ATADTAC A+AC (2) Δ) Z = A.B.C + A.B.C + A.B.C + A.B.CZ = A.(B.C + B.C) + A.(B.C + B.C)Z = A.[B.(C+C)] + A.[C.(B+B)]Z= A.[B.1] + A.[C.1] Z= A.B+ A.C b) $N = (x_1 + x_2) \cdot (\overline{x_1} + x_1, x_2) + (\overline{x_2} + x_2, \overline{x_2})$ $N=X_1(\bar{X}_1+X_1,X_2)+X_2(\bar{X}_1+X_1,X_2)+\bar{X}_2$ N= X1. X1 + X1. X1. X2 + X1. X2 + X1. X2. X2 + X2 N= 0 + X1. X2 + X1. X2 + X1. X2 + X2 N= X1. X2 + X1, X2 + X2 N= X2 (X1 + X1) + X2 N= X2.1 + X2 N= X2 + X2 N=1



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