Adwart Normana LT - 4 19m5 151 P43104 Q1(a) A.B+B.c+ C.A = A,B+ B.c + C.A $\overline{A.B.}$ $\overline{B.C.}$ $\overline{CA} = (\overline{A+B}).$ $(\overline{B+C}).$ $(\overline{C+A})$ 2 (AB+ AC+ B(1+T))(C+A). (XY = X+y) ABSTAC+ B(1+c) 1+1-1 (AB+AC+ B)CC+A) ABOLABALACCH ACA+BC+BA = ABC + AB+ AC+ BC+BA X+x-X = AZ(B+1) + AB+ AE+BC 2 A = + AB + BE ~ RUY e= on -> 0,2,6,8. £ (b). A e -> BD+ CD-() D(B+ c) Ö 0 112 d = 0 Ö

J Vo= - i (R₁+ fr) = Vi (R₁+ fr). 1 = Vo 2 1+ R, Vo = 2p+2s " 1+75 Vi 2p+2s = 7p 25° Rut ouser = 1+ Jw Cor Put Jury 2 Ry Jwcy+1 Rut Twey 1+ ow(cy Ry + Ly Ry) -we cn Rx. Ly Ry JVCA PY 1+GALYRY + JEWRYRY - WGRY

D real at Wo 2 Jacy RxRy 1+ Try + Cy AB - 1 - 1+ fr.). -Pr. And A Cy (x Py (x Py (x Py cy + ix Py

pinnikan presi.

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