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Camlin Page

- Combinatorial Circuits -- Output = P, Input = x, y, 3 and P = (2 and y) or Z Pistono when <243> = 000,010,100,110,111 This is a combinatorial circuit. But is COA, we use Sequential circuit Now suppose, p = (2+21). (4+3) Lot 2+0; ⇒ P=Z.(y+3) = Z.4 : <243> = 010 lety=0 => 3=1 : < xyz>= lety=1 => 2=009/ bots are 80/21: Kzyz>=110,11 So told holm => < 242> = 010,101, 110,111 let q = q.3 + y.3 => Input 4,3, ; Output=q Hononby in two to If y 3=11 => q=1 retain (Beo value of y is rame us rew value). 43-01 => q. -40-210 => 9.ēlain.

wwwit In switching cool all computs are initialized with .. In q= 4.3+4.3 y3=11 ⇒ y=1. @ Now y3 is changed to 10. Stor of Novo (news) = (olly). 3+4.3 50 with (old 4) = 1; y3=10; (new y) =. 1 Now, yz is changed to 01; and oldg) Step3 (newsq) = 0.01 Step 4 Now, 43 is changed to 00; (Oly) = 0