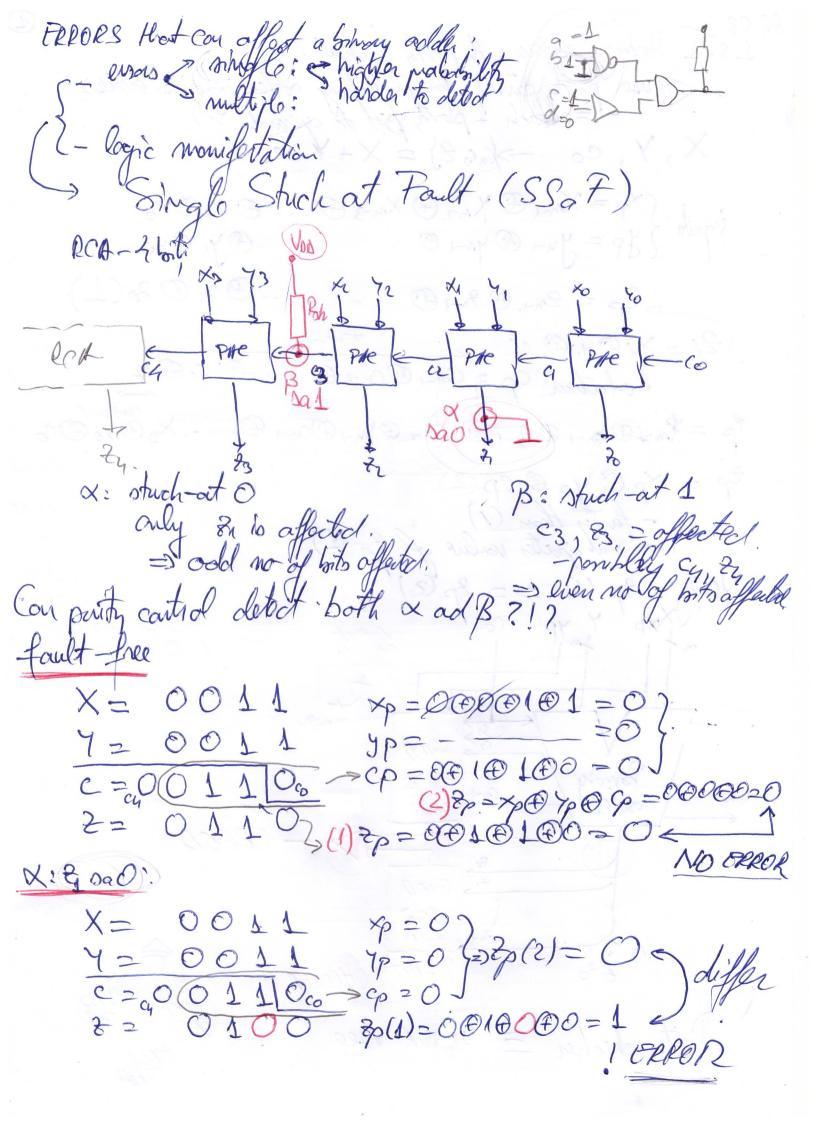
1.5. 1 Portugy adders with posity control

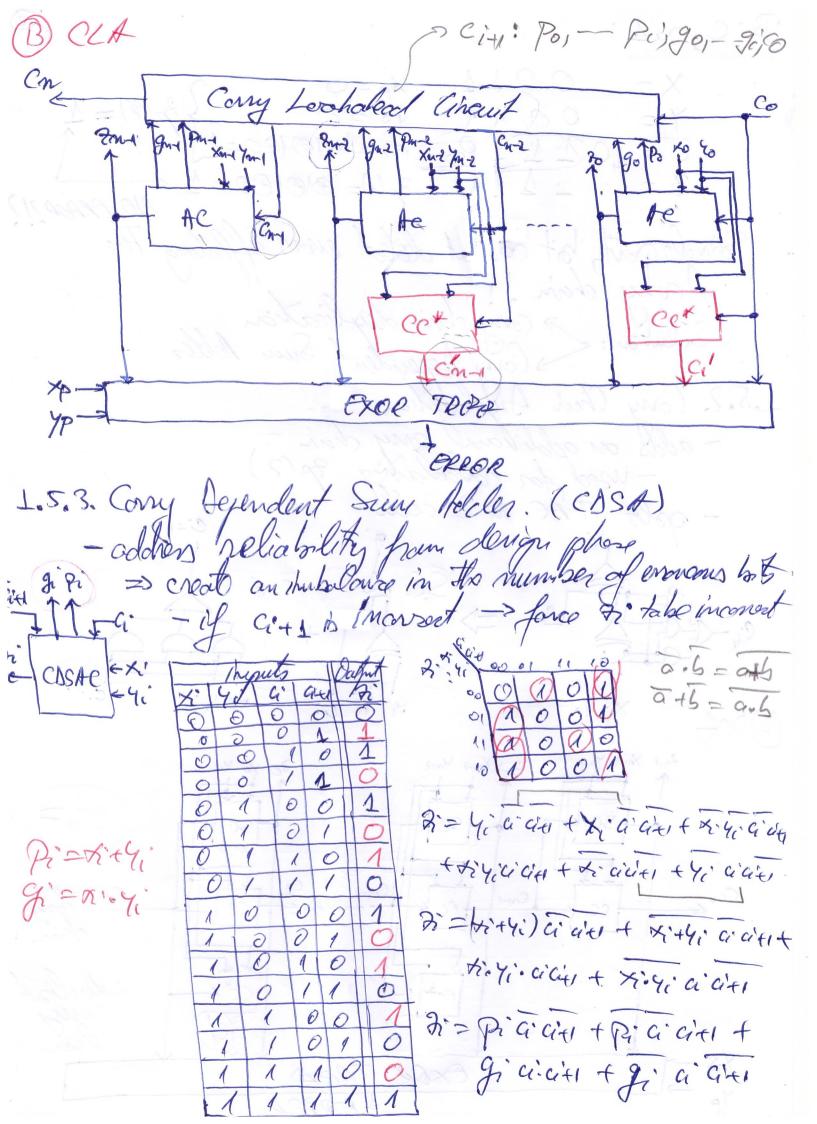
- use perity cartal for preticting adders agains errors

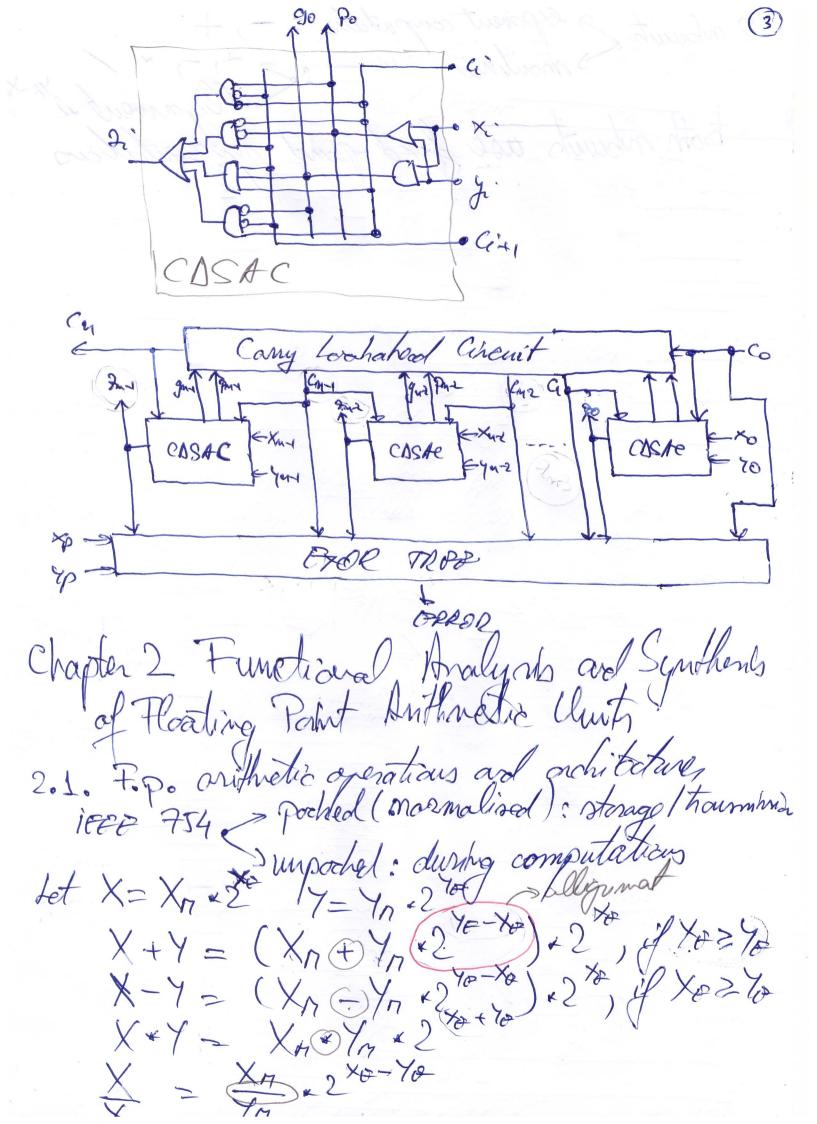
= check 1 points put to great.

X, Y, co ->(n, 2) = X + 1 + co --- (D 2 (1) > = = 2n, 0 8m-2 0 -(2i = Xi Dyi D ci e geneat Notation Cp = Cm-1 @ Cm2 @ --- D C1 D G \$ = Xm-1@ /m-1@ Cm-1@ Xm-2@ /m-2@ Cm-1@. 2p = ×p € yp € cp (2) - faster thou (1) - anticipates value of 8p (1) Verify 8p (1) = = 8p (2) ExOR Psinory BARR Pority checher EXOR treo



B: C3 Da L 0011 xp=0 (3p(2)=1 Solugle party bit counat debat evers affecting the corry chain !! Solution: Scorry choin deylication Corry Dependent Sum Holder 1.5.2. Cerry Chein Duglication - adds on apolitican gry chein -used for colonating 7p(?)
- oplit FAE in 2 cells





2 mbauts 2 experent computate : -, +

smouthson - u - : S. allignment 2 to xe

both subcourts use fixed point representations