2.3. Porallel Anto Computation 2.3. Parollel Hats comparison

2.3. I. Prell Carry Lochabord Holder

-outrapolo , in prolled, each carry input Get gir xi=yi=1

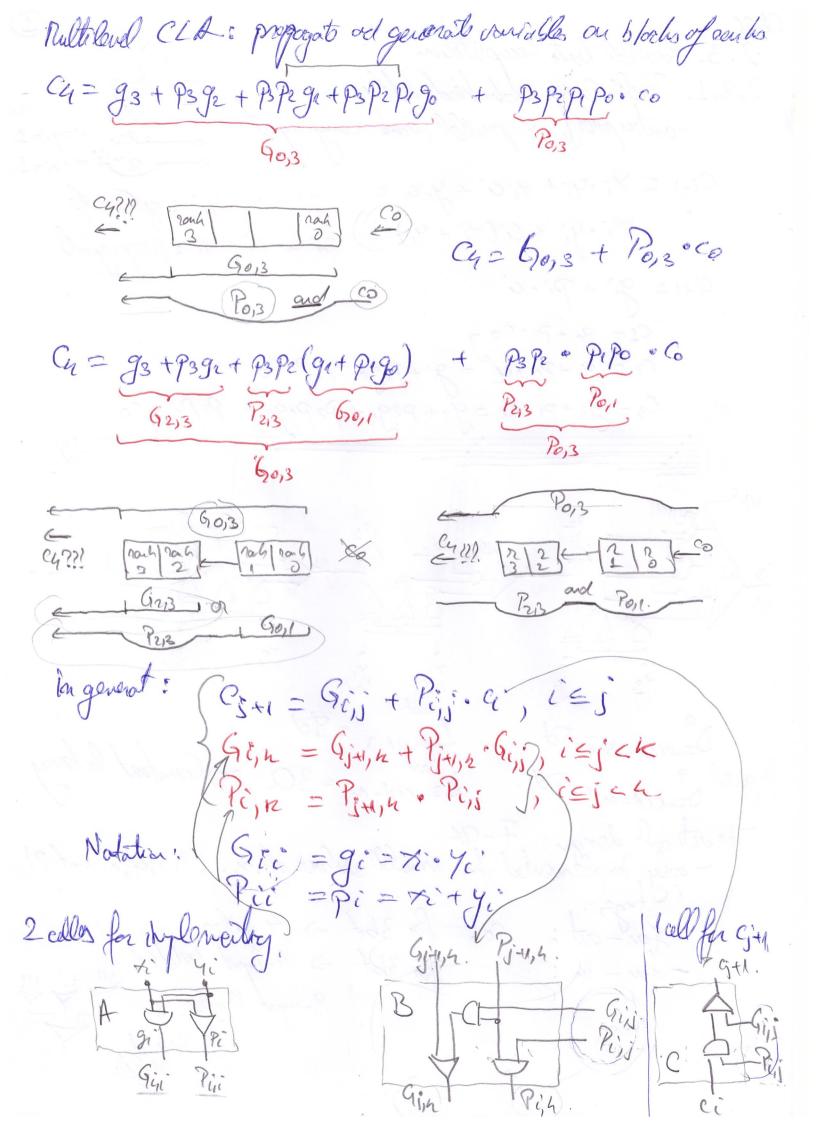
Region + yi=1 Citi = Xi. 4it xia + fia = gi = xi. yi : generate. Fi . yi + (i (ti + 4i) Pi = 7 + 4: propergate. 91+1= gi+ Pi-a CI = go + Po · Co g CI = go + Po · Co g CI = go + Po · Co g (3 = g2+p2 · C2 = g2+p2g1+ p2p1g0+ p2p1p0 co DF-CLA-M = 301 =) Constant lating. DF-CLAA-3 = 5d. ingued. FCCA-n = 5d. The actival design: F-CH mall volves of m. (?,3,4, at not 8) Abordivatings:
-fau-out: Co? for 3but > 4 galos.
-fou-in:

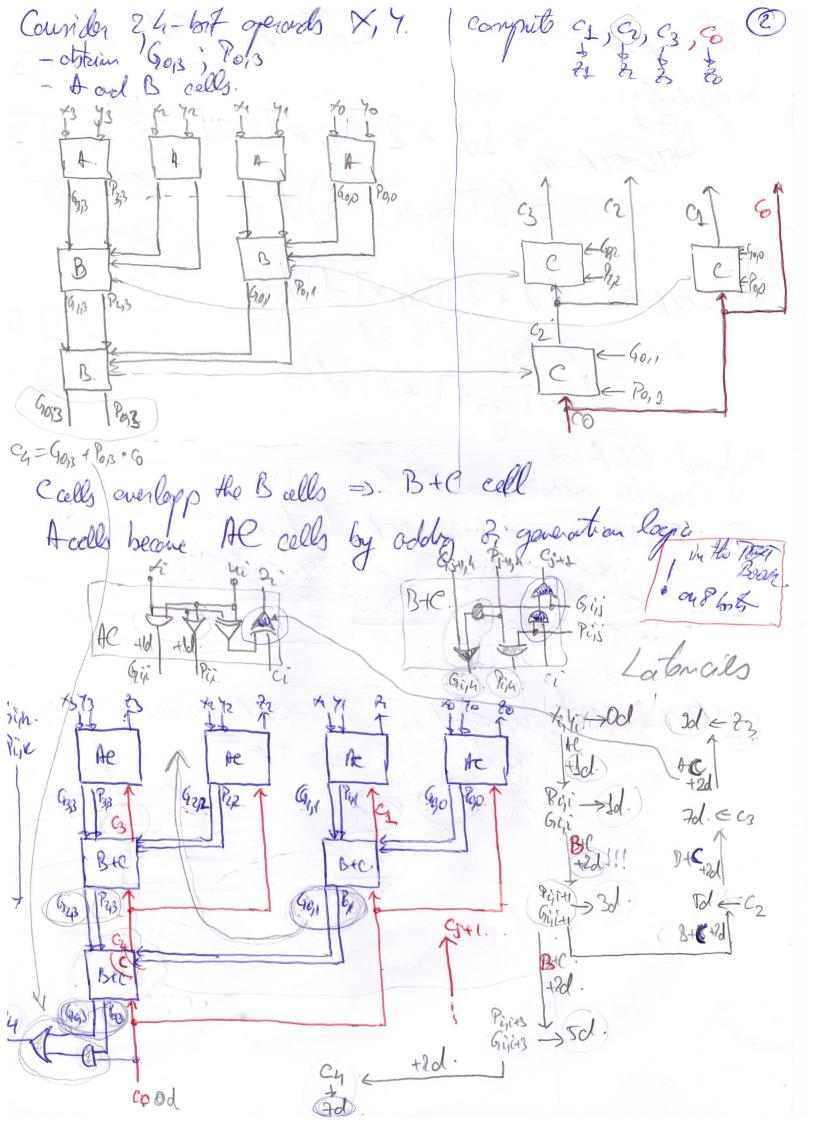
for 3but > 4-injust 17ND/OR

-fou-in:

9-injust 08 gabs???

+ree of.





Ingweral:
Silifini

Scart

TIL-CLA-m = Ld + 2 Floge m 7d+2d De m m = (2 May 2017 +3) d Dri-cca-m = Ld+2(Rege m7-1)d+
2 Rege m7 d+ 2d. = (4 regran +1) d. Mysmid. CLA Counder operands on 6 bits. F-CCA convected in ech structure Co 73,5 73,5 73,500 Xon You 83,500 P-CLA-3 T-CLA-3 E-C B) PCA-regiments converted in a ML-CLA

- extend FAE & gi = Giv => FAE

Più Più Pi

