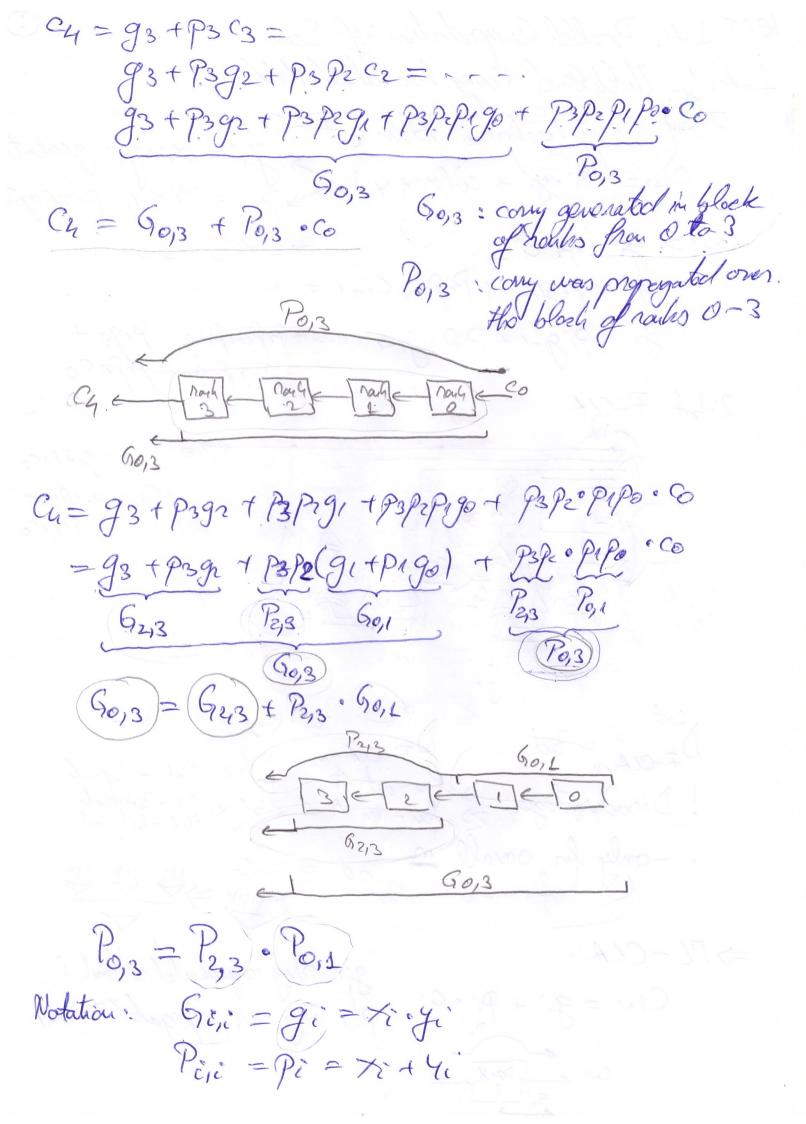
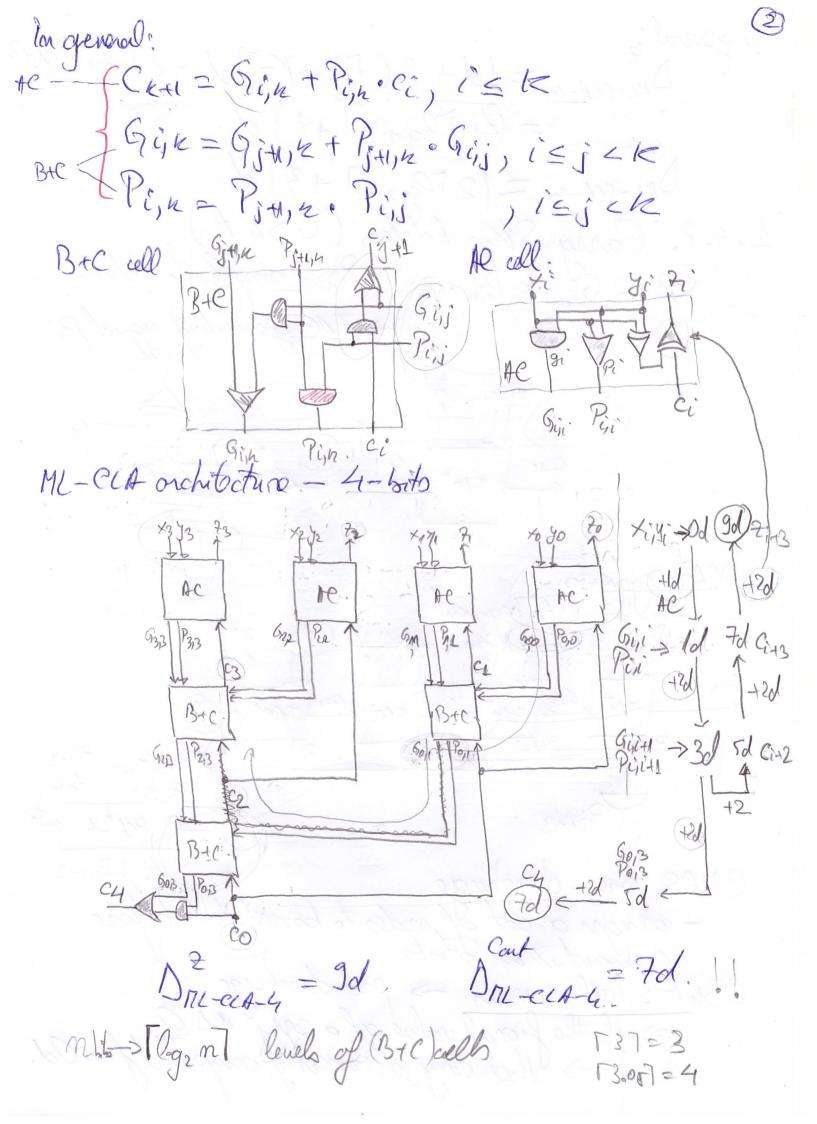
ACC 1.4. Porallel Computation of Sum Lot. L. Multilevel Corry Lookahood Holder Full Carry Loohahood Adder (F-CLA)

Cin = xi · yi + ci(xi+yi) < pi = xi · yi generate

Spi = xi · yi propagete Ci+1= gi+piei= 名'= X'@Yc@a. gi + Pigi-1 + PiPi-1 Ci-1 = gi + pigi-1 + Pipi-19i-2 + + Pipi-1pi-2 ... Pigo + Pipi-i Para -- Papo Co 2-bot F-CCA Decent = 3d. Decent = 5d. Dissodvantages: 3 fair-aut & Co?? 26+-3 ports.

-and. 0 -only for small in or: 9 miles > ### => 11L-CLA. gi: cory is generated the ranh i City = gi + Pi · Gi Pi: comy in is propagated to Cite Citl. e Park c





In general? DM-elf-m = 1d+2([logen7-1)cl. +2 [logen7d+2d = (4 rlg2m7+1) d. DAL-Com = (2 Tlagen 1 + 3) d. 1.4.2. Carry Skip Adden. (CSh A).

Ch+1 = Gijn + Pin · Gi Pin - simples to obtain.

PAS -> FAR goverating rigual Pi Girl Fre* Circher Circ - help t RCA request: PHE GHS PHE CH2 PAPER GHI PAPER G PHS PHS PHS PHS Pill Pill Pill X Cith CMOS pre-discharge. - design a set of mades to be net to O before computation storts. CShA: Tall corries -> pre-discharge.

=> if the friend value of a corry as O

+ that cory is correctly compreted from Od.

