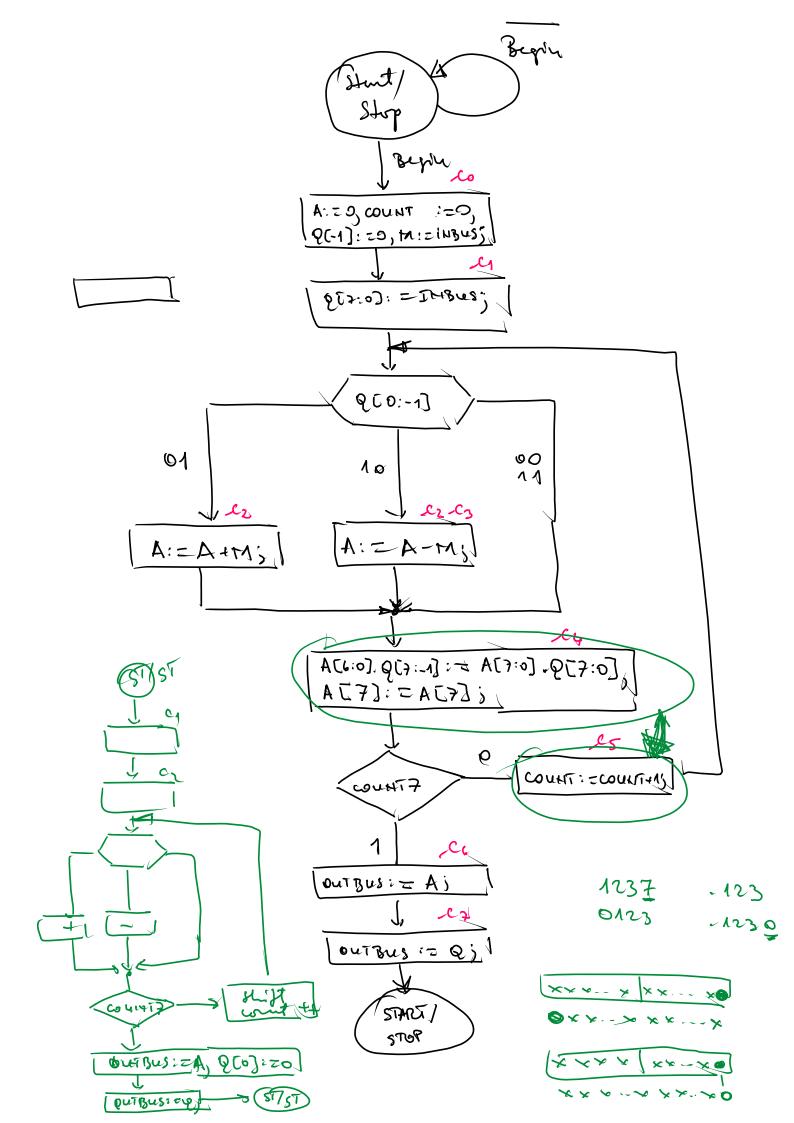


1.1.3 Bootle- HW implementation - Hayes HW platform [2E-1] 12 ヤヘ 7 Q (0) lol8 8 cz Ce cz g ያ 3 g & OUTBUS endart. Busy Count CX **२८**ग 9 زه) COUNT 7 Extund Countrel Signals Munit



COMPUTER ARITHMETIC 1,1 Kecap Booth's algorithm: 2s complement untiplier x: eB={0,13, i=0,n-1 X = (nu-1) xu-2 -- xi ... xixo; 2s complement - 714-1×2 + = 21×2 Robert son's fermula = /x (Nu-1 Nu-2 ... X) ... X, Xo added to the I partial product by 76 | 76-1 | OR nix2 - ni2 = ni2 (2-1) z/ni2 (n-1-ng) ×2 ×y+ (no-n) x21 x y + (ny xx x x y +

Steps (n-1-nd) ×2 ×y+

Steps (n-1-nd) ×2 ×y+

Steps (n-2-nd) ×2 ×y+