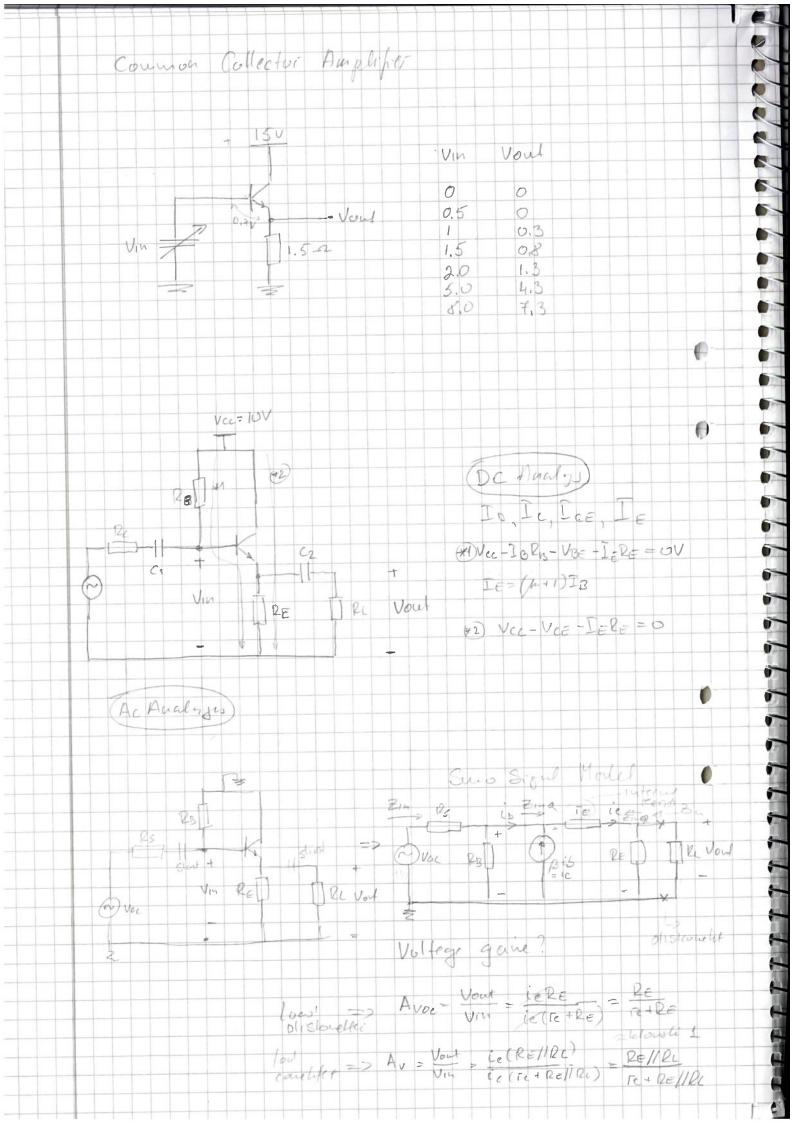


Dc analys 1) short Ac voltage sources 2) Replace all capacitus with opens Xc = 1 -> 00 3) Find a point (operations point) Ac Analisys 1) short DC voltage source 2) Replace all appoits with shorts 10 3) Simplify circuit -> combain resistos, replace transista with model 6 4) Fruit the aughifier parameters Ac Analys 10, 10¢ - stort 2 2 2 3 3 B Bib

B C Soperation

Te Te Toursist



Inpun lupedance Zin: 23//Zina Zina = 25in = 1e(re+Re//RL) = (3+1)45(re+ ZE//Qc) 1c=(p-1)iB = (B+1)(ic+REMPC) Z1- = BB// (BT/) (TE+RENOL) 100 20uf = RE//Zouta Zoula = Te + Zouts Zoub = 06 = is(re1128) = is(PS/128) = PS/12B le ic (B+1) is = B+1 100 Zoul + RE // Te + P3/1/RB) General: Zin High Zout Low AUX