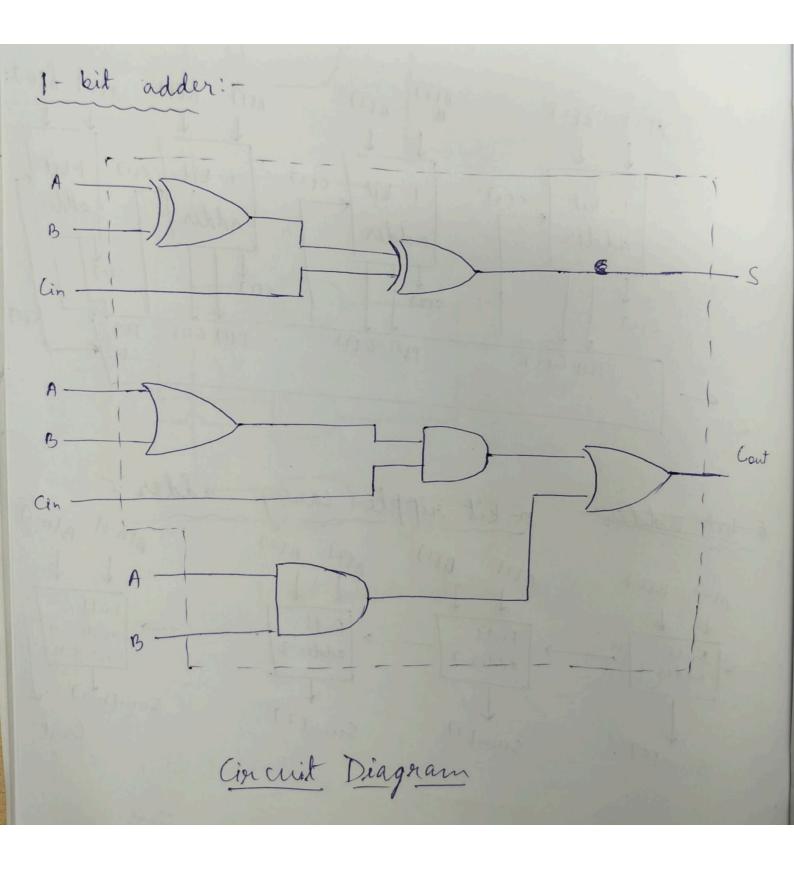
routh Table rable :-B covery Sum 0 0 Full-Adder
Input Output Carry Sum Cin B 1 0 0 0 0 0 1 0 0 0 0 0 0



4-bit adder Gr; = A; & B; Pi = A: | Bi Clos = Cin osic4: C[i] = Gti] (Pti] & cti]) osic4: Sum [i] = Ati JA Bti JA Cti] ATIT BEIT ATOT ATOT A[Z] AT3) BT35 1- bit cris adder adder ordder STIT S(2) 5537 P[0] / P[1] G[1] P[17 6[2] POT GEST Gtot Coul n-bit ripple carery adder: - bit adder ALN-18 B[n-1) ACIT BEIT ACT BEZZ ATO) BTO) > Full adder 3. > adder-n Full | Gir > Full adder-1 Sum[n-1] Sun [2] Cont

Sumt 17

Sumfol

