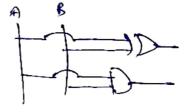
AND

Δ		L1 v/h	-> Consud.
ß	→		-> Covered.

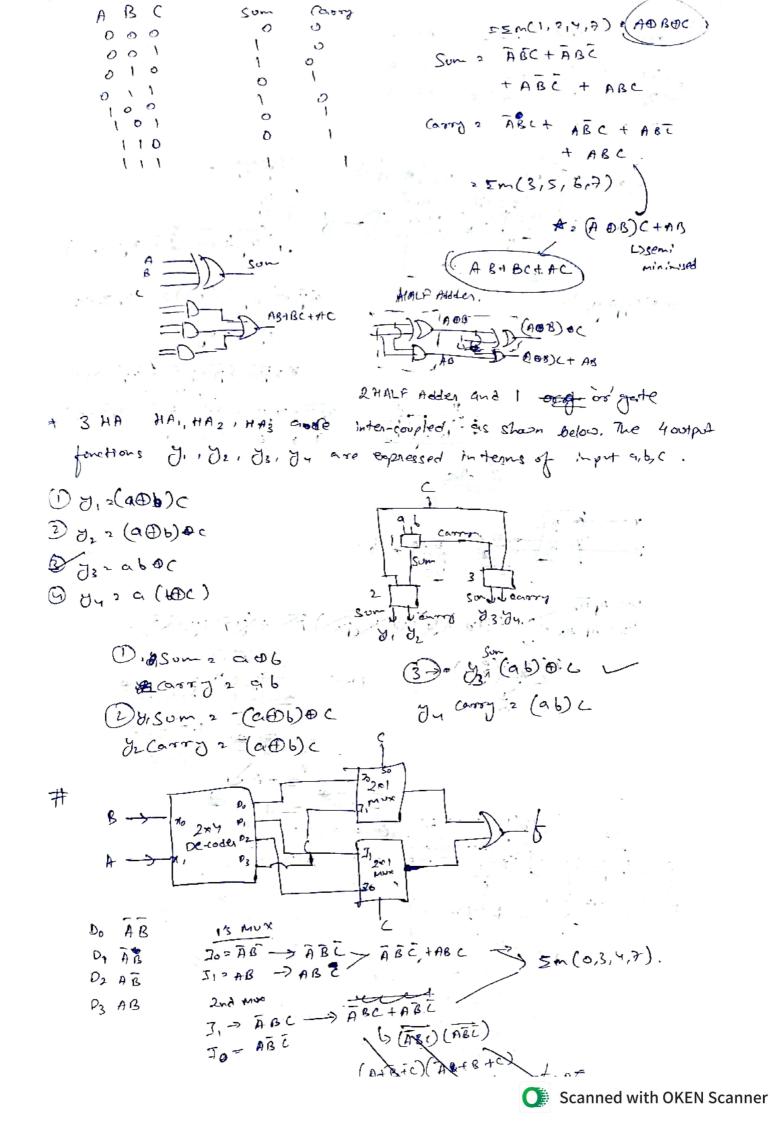
A	B	Sum	Corred
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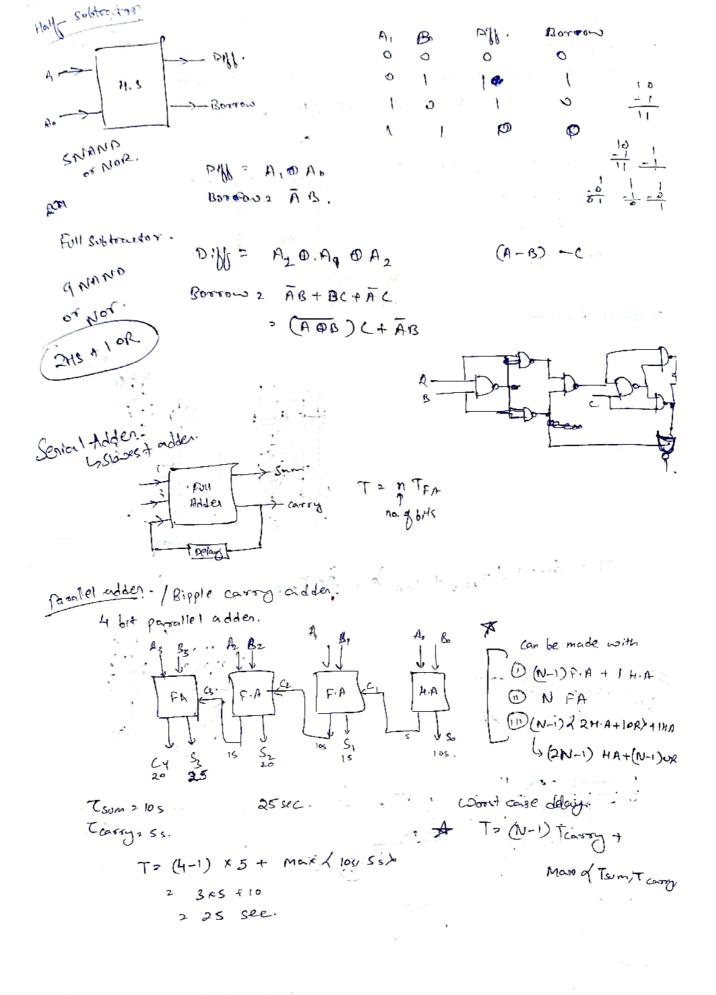
Sum 2 A DB



regulado 5 NOR.

T-Vo (ABB) & AB -> ABBA -> AFB





Case 1 n > 4 to > Ins to > Sns | T > 3x1 + 5 2820ns $N_2 > \sqrt{8}$:. N; = 1 Internal diagram T = (m-1) & TAND + TOR & + 2x TroR. Look ahend carry adden. Fasted adder. e grana e and P; > A; DB; Si = Pi D Ci G: 2 A; B; Ciar > Gi+ Pi Ci Expriessions -Cy 2 G3 + P3 G2 + P3 P3 Gy + P3 P2 P16. Coc2 = Gi+PiCo Coc2 = Gi+PiCo) Coc2 = Gi+PiCo) + P3 B2P, P. C. C2, G2+ P2G, + P2P, Go+ P2P, P6 C8

Multiplien selection

No of add gate in Corry Block.

\$ How many haif adden, required for addining K bit

(M-1) FA + 1HA. (N=1) < 2 HA+ 10R> +1 MA. 2X-2 HA + 1 HP = (2K-1)HA

Design a combinational logic etacuitiesith input x y 2 and output ABC is attempted wing HS HA AS FA: In Binary Input 0123 > some output

Х	1 6	2		4	BI	(
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٥	0 /	Ø	1/2	0	0	1	A > nyz+nyz
0	111	0	1/2	0	\$	0	B = 71 y 2 + 71 y 2 + 27 2
0	1	1	/	0	!] 1	+ 71 71 2
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0)	0	1		0	1	1 8	+ ng 2
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•	2.6					noy	e ny t ny

