## Subtractors

20 September 2023

11:43

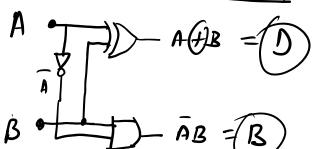
Hoff	Suptractor
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)	

	<u>A</u>	B	D	<u>B</u>
0	0	٥	0	0
1	۵	1	1	
2	1	D		٥
3	1	)	0	Ø

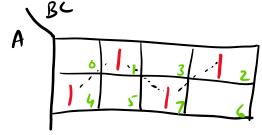
$$D = A(+)B$$

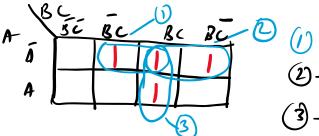
$$\mathcal{B} = \overline{A} g$$



## Full Subtractor

	A	ß	L	D	$oxedsymbol{\mathcal{B}}$
0	0	0	0	0	D
1	0	٥	1	1	1
2	0	1	D	1	\ 1
3	0	1	1	0	1
4	1	0	D	1	0
5	1	D	1	0	0
Ĺ	1	1	D	0	O
1	1	1	1	1	1





$$B = \overline{AB} + BC + \overline{AC}$$