FULL SUBTRACTOR!

The full Subtractors consists of three supports and two outputs. Let, the three supports denotes the monuend, sutmaked and previous bornow as A, B, Bin the output are D and Bout represents difference and Bourous the full subtractors is a combinational direct that performs the subtraction operation.

these subtractors are used in processors to compute tables, addresses, etc.

Truth table !-

The second of the second				f a .
A B	Bin	in in	Bout	, A:
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1 . 11 . 0 - 4 . 6	. I. P	111		
with a colony with	0.1	·	1.1 :11 : 1	,,),
0 1	7'	<i>D</i> ,		!
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1 0	Ĩ	<i>े</i> 0		٠.
1 7 1 1	O	6 0	0	
1 13	0	, 1	0	
A		. 1	1	
8 17 7	HI) <u>. </u>	-D	
	1	J		
	De			D .
D = A A	5 A			Bout

Bout = (vatc) 1 (vatb) (btc)