

→ ⑦

Atividade de lógica

$\bar{A}$	$\bar{D}$	$\bar{D}$	$D$	$D$	$\bar{C}$
$\bar{B}$	0	1	1	1	
$B$	0	0	0	0	$C$
	1	0	0	1	$\bar{C}$
	$\bar{E}$	$E$	$\bar{E}$		

$$*S = \bar{A}\bar{B}CE + \bar{A}BCD + AB\bar{C}E + B\bar{C}\bar{E} + A\bar{C}\bar{D} + AB\bar{D}$$

$A$	$\bar{D}$	$\bar{D}$	$D$	$D$	$\bar{C}$
$\bar{B}$	1	1	1	0	
$B$	0	0	0	0	$C$
	1	1	0	0	$C$
	1	1	0	1	$\bar{C}$
	$\bar{E}$	$\bar{E}$	$\bar{E}$		

→ ②

A	$\bar{D}$	D	$\bar{D}$	D	$\bar{D}$
$\bar{B}$	1	1	1	1	$\bar{C}$
B	0	0	0	0	C
$\bar{B}$	1	1	0	1	$\bar{C}$
B	0	0	1	0	C
$\bar{E}$	E	E	E	E	

  

A	$\bar{D}$	D	$\bar{D}$	D	$\bar{D}$
$\bar{B}$	1	0	0	1	$\bar{C}$
B	0	0	0	1	C
$\bar{B}$	1	0	0	1	$\bar{C}$
B	1	0	0	1	C
$\bar{E}$	E	E	E	E	

$$* S = \bar{A}CDE + \bar{A}BC\bar{D} + A\bar{C}\bar{E} + \bar{A}\bar{B}\bar{C} + BCE + ADE$$

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A	$\bar{C}$	C	$\bar{C}$	C	$\bar{B}$
$\bar{A}$	0	0	1	1	B
A	0	1	1	1	$\bar{B}$
$\bar{A}$	0	0	1	0	B
A	0	1	1	0	$\bar{B}$
$\bar{D}$	D	D	D	D	

$$* S = \bar{A}BD + \bar{A}\bar{B}D + \bar{A}\bar{C} + CD$$

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A	$\bar{C}$	C	$\bar{C}$	C	$\bar{B}$
$\bar{A}$	1	1	1	0	B
$\bar{A}$	0	0	0	1	$\bar{B}$
A	1	0	0	0	B
A	1	1	1	0	$\bar{B}$
$\bar{D}$	D	D	D	D	

$$* S = \bar{A}BC\bar{D} + A\bar{C}\bar{D} + \bar{B}\bar{C} + \bar{B}D$$

16.05.21

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A/B	00	01	11	10
0	0	1	0	1
1	1	0	1	0

$$S = A\bar{B}\bar{C} + \bar{A}\bar{B}C + ABC + \bar{A}B\bar{C}$$