



Truth table for 
$$f_1(A)$$
  $(A = A')$ 

$$\begin{array}{c|cccc}
A & A' & f_1(A) = A + A' \\
\hline
F_1(A) & f_2(A) & A & A' \\
\hline
F_1(A) & F_2(A) & A & A' \\
\hline
F_1(A) & F_2(A) & F_3(A) = AA' \\
\hline
F_1(A) & F_2(A) & F_3(A) = AA' \\
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F_1(A) & F_2(A) & F_3(A) = AA' \\
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F_1(A) & F_2(A) & F_3(A) = AA' \\
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F_1(A) & F_2(A) & F_3(A) & F_3(A) & F_3(A)$$

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1	Truth table for f, (A, B)	
(1)		
	AIB	F, (AIB) = AB > (Aard B or A+B)
	TT	T
,	TF	f
	f T	f f
	F   F	f
	f (A,B)	
		1 0 (0 0) =
	ABR	$f_2(A,G) = A\overline{G}$
	TTF	F
	T F T	F
	FTF	(fin to the pitting to
	f3 (A, B)	
100000	13 (#15)	
H. M.	A 1 A' 1 R	$\int f_2(A, \Omega) = \overline{A}\Omega$
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	FIN THE T	THE TANK A
Tour State	FTF	F F
		7 9 9
	fy (A,B)	
		The state of the s
	A A B B	$f_4(A,Q) = \overline{A} \overline{Q}$
	TFTF	F
-	TFFT	F
	FTTF	F
-	FTFT	T
	TO MARINE STATE	

$$\begin{aligned} & \begin{cases} f_{\epsilon}(A_{1}B) = f_{\epsilon}(A_{1}B) + f_{\epsilon}(A_{1}B) \\ f_{\epsilon}(A_{1}B) = f_{\epsilon}(A_{1}B) + f_{\epsilon}(A_{1}B) + f_{\epsilon}(A_{1}B) \\ f_{\epsilon}(A_{1}B) = f_{\epsilon}(A_{1}B) + f_{\epsilon}(A_{1}B) = r + f_{\epsilon}(F_{1}F) = r \\ f_{\epsilon}(T_{1}F) + f_{\epsilon}(T_{1}F) = f_{\epsilon}F = F \\ f_{\epsilon}(T_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = F \\ f_{\epsilon}(F_{1}T) + f_{\epsilon}(F_{1}T) = f_{\epsilon}F = F \\ f_{\epsilon}(F_{1}T) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = F \\ f_{\epsilon}(F_{1}T) + f_{\epsilon}(F_{1}F) = f_{\epsilon}(F_{1}F) = T + f_{\epsilon}(F_{1}F) = T \\ f_{\epsilon}(T_{1}T) = T + f_{\epsilon}(T_{1}F) = f_{\epsilon}(F_{1}F) = T + f_{\epsilon}(F_{1}F) = F \\ f_{\epsilon}(T_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = F \\ f_{\epsilon}(F_{1}T) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) + f_{\epsilon}(F_{1}F) = f_{\epsilon}F = T \\ f$$

AT 
$$\alpha = A + B$$
 AND  $\alpha = A + B$  AND  $\alpha = A + B$ 

