

SUBJECT

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$$1.1) f(A, B, C, D) \bar{A}\bar{B} + \bar{C}\bar{D}$$

AB \ CD	00	01	11	10
00	1	1	1	1
01	1	1	1	1
11	1	1	1	1
10	1	1	1	1

$$1.2) f(A, B, C, D) \bar{A}\bar{B} + \bar{C}\bar{D}$$

AB \ CD	00	01	11	10
00	1	1	1	1
01	1	1	1	1
11	1	1	1	1
10	1	1	1	1

$$1.3) f(A, B, C, D)$$

AB \ CD	00	01	11	10
00	1	1	1	1
01	1	1	1	1
11	1	1	1	1
10	1	1	1	1

$$2.1) f(A, B, C) AB + \bar{C}$$

AB \ C	0	1	10
00	1	1	1
01	1	1	1

$$2.2) f(A, B, C)$$

AB \ C	0	1	10
00	1	1	1
01	1	1	1