Lecture Assignment F.

@ (a) (c'+d)(b+c')

* Tréfor Dan Minor NGABIRANO * ngabira@windfor.ca * 110182078

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(5)						

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a		· C	. 4	a'	5'	ر	f	Ctd	b+c'	(C+4)(b+c)
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(b) bd + acd + abc + ac'

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(b) bd' + acd' + ab'c + a'c'
d'(b+ac) + ab'c + a'c'

3 (a)
$$F(A_1B_1C_1D) = \sum m(2,4,7,10,12,14)$$

Since it's 4 variables, the minterus are 2 = 2 = 16.

Therefore from m(0) -> m(15). Therefore

Complement of F (A,B,C,D) = \(\sum m \left(O, 1, 3, 5, 6, 8, 9, 11, 13, 15 \right) \)

We know that Maxterm is where F(x,y,t) is ten(0) at (3,5,7).
Therefore, the Minterm is $(2)^2 2^3 2 8 [m (0) - m (1)]$ is one (1) at:

$$Q(a) = (0,1,4,5,7) = \bar{dcb} + \bar{dcb}$$

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