

Assinignment 8

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1 Boolean Equation

$$F = \bar{p} \bar{q} \quad (1)$$

2 K - Map

		p	
		0	1
q	0	1	0
	1	0	0

Figure 1: K-map for eq.(1)

3 POS form

From the given K-map, we can infer that the POS form of the equation is:

$$F = (\bar{p} + 0)(\bar{q} + 0) \quad (2)$$