# Assinignment 8

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January 2021

### 1 Boolean Equation

$$F = \overline{p} \, \overline{q} \tag{1}$$

## 2 K - Map

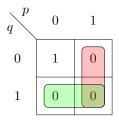


Figure 1: K-map for eq.(1)

### 3 POS form

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

$$F = \overline{p}\,\overline{q} \tag{2}$$