

# DLD Assignment 8

Rajesh Kumar Rajoriya

January 8, 2021

## 1 Boolean Expression

$$e = (A + C).(A + \overline{B}).(\overline{B} + \overline{D}) \quad (1)$$

## 2 K-Map

$CD \backslash AB$	00	01	11	10
	00	01	11	10
00	0	0	1	1
01	0	0	0	1
11	X	X	X	X
10	1	0	X	X

Figure 1: K-Map for  $e$  using don't care condition