

# Assignment 7

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## 1 Boolean Expression

$$a = D'.B'.(C.A' + C'A)$$

## 2 Nand Gates for the above expression

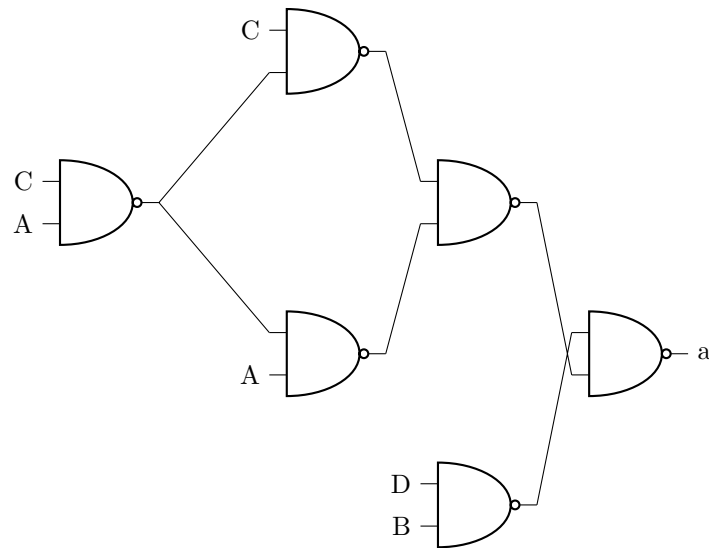


Figure 1: Logic Gate for NAND logic

$$a = D'.B'.(C.A' + C'A) \quad (1)$$