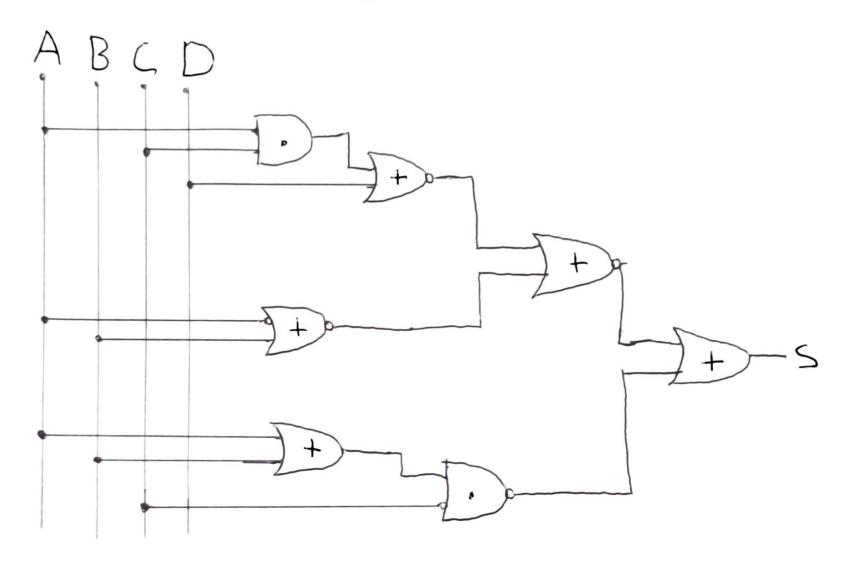
9) $S = \overline{AC+D} + \overline{A} + \overline{B} + \overline{C} (A+B)$ 1.1) Circuito du expressão



1.2) Simplificação

$$S = (\overline{ACJ+D} + \overline{A+B} + \overline{C}(A+B))$$

$$S = (\overline{ACJ+D} + \overline{A+B} + \overline{C} + (\overline{A+B}))$$

$$S = (\overline{ACJ+D}) (\overline{A+B}) + C + (\overline{A}\overline{B})$$

$$S = (\overline{ACJ+D}) (\overline{A+B}) + C + (\overline{A}\overline{B})$$

$$S = AC\overline{A} + ACB + D\overline{A} + DB + C + \overline{A}\overline{B}$$

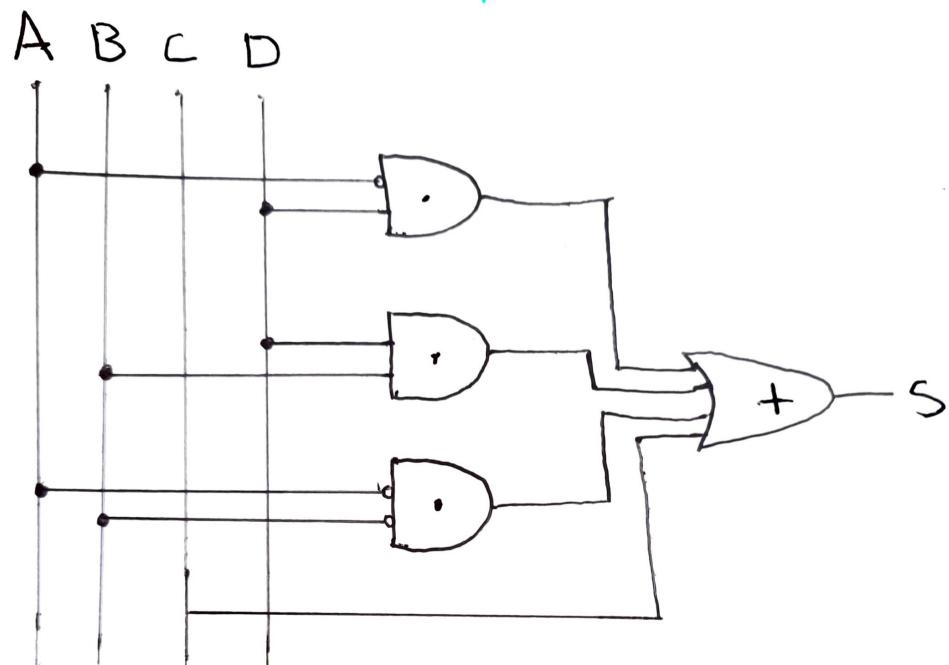
$$S = ACB + C + D\overline{A} + DB + \overline{A}\overline{B}$$

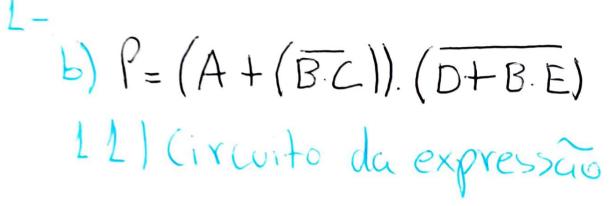
$$S = C(1+AB) + D\overline{A} + DB + \overline{A}\overline{B}$$

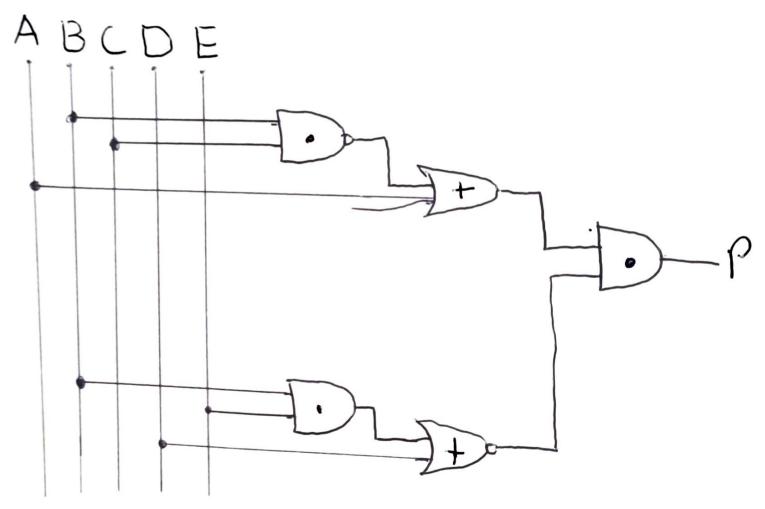
$$S = C + D\overline{A} + DB + \overline{A}\overline{B}$$

$$S = C + D\overline{A} + DB + \overline{A}\overline{B}$$

1.3) Circuito da Simplificação

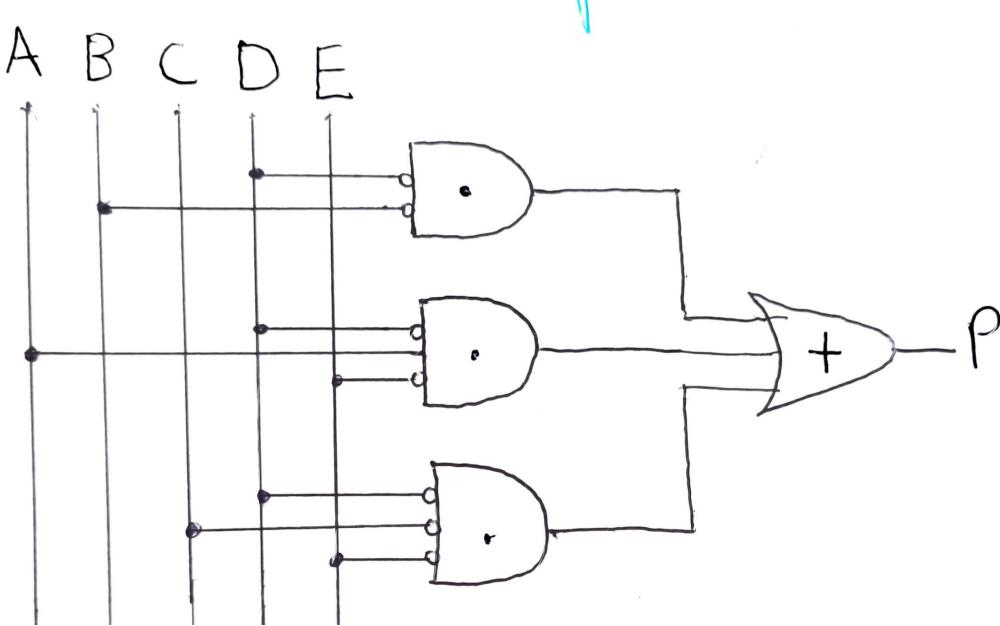






L2) Simplificação

L.3) Circuito da Simplificação



2- S=(BD)+(AZ)+(BCD) S=(BD)+(AC)+(BCD) S=(BD)(AC)(BCD)