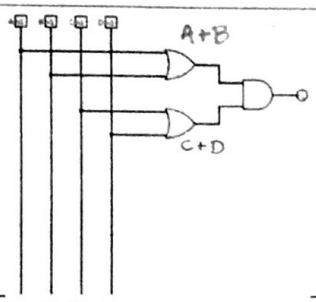
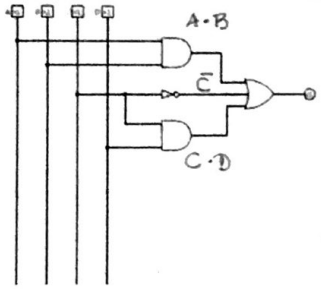
Nome do Aluno: Gabriela Alves Ricardi Vieira Data: 18/09/21

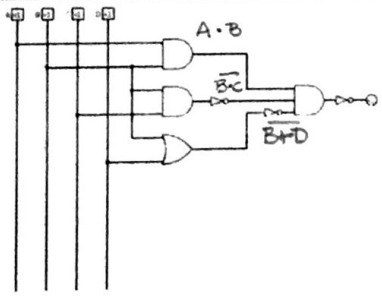
Expressões Obtidas de Circuitos Lógicos



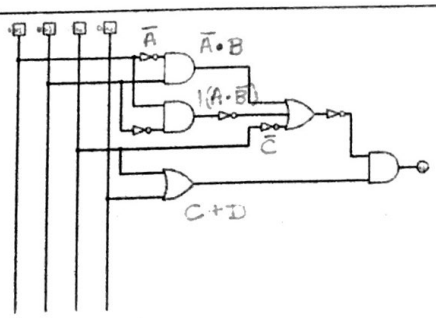
$$S = (A+B)\cdot(C+D)$$



$$S = (A\cdot B) + \bar{C} + (C\cdot D)$$

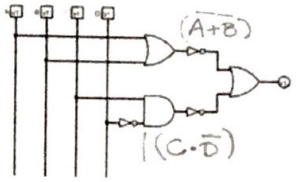


$$S = \left|\left((A\cdot B)\cdot(\overline{B\cdot C})\cdot(\overline{B+D})\right)\right.$$

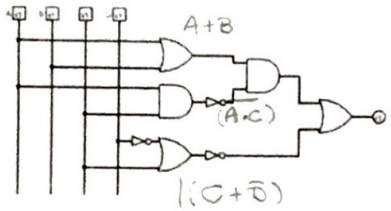


$$S = \left|\left((\bar{A}\cdot B) + (A\cdot\bar{B}) + \bar{C}\right)\cdot(C+D)\right.$$

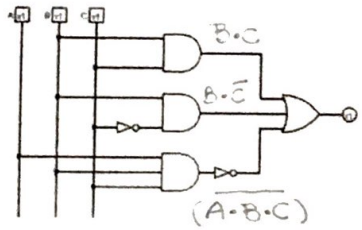
Nome do Aluno: Gabriela Alves Ricursi Vieira Data: 18/9/21



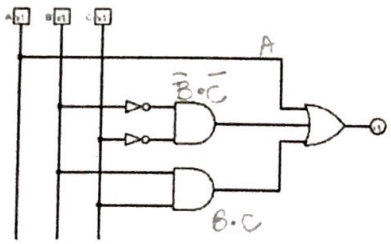
$$S = \overline{(A+B)} + 1(C \cdot \bar{D})$$



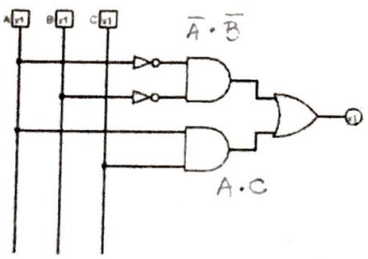
$$S = \left(\overline{(A+B) \cdot (\overline{A \cdot C})}\right) + 1(C + \bar{D})$$



$$S = (B \cdot C) + (B \cdot \bar{C}) + \overline{(A \cdot B \cdot C)}$$



$$S = A + (\bar{B} \cdot \bar{C}) + (B \cdot C)$$

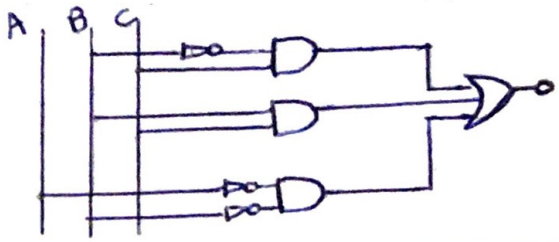


$$S = (\bar{A} \cdot \bar{B}) + (A \cdot C)$$

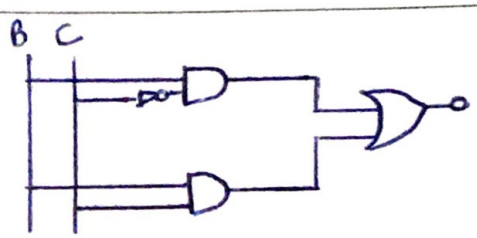
Nome do Aluno: Gabriela Alves Ricursi Vieira Data: 18/9/21

Circuitos Lógicos Obtidos de Expressões

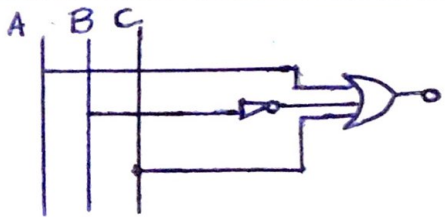
1- (|B.C) + (B.C) + (|A.|B)



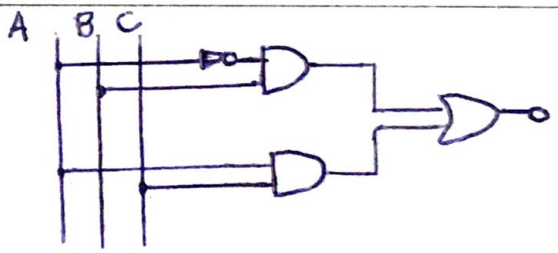
2- (B.|C) + (B.C)



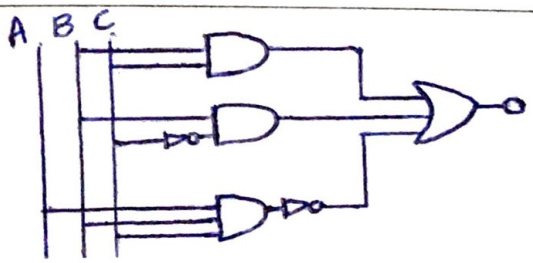
3- A + |B + C



4- (|A . B) + (A . C)



5- (B.C) + (B.|C) + |(A.B.C)



6- (|B.C) + (|A.|B) + (A.B.C)