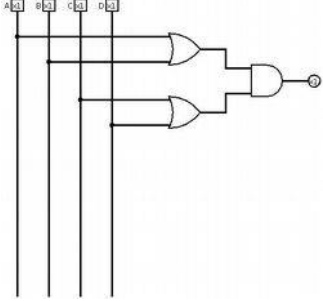
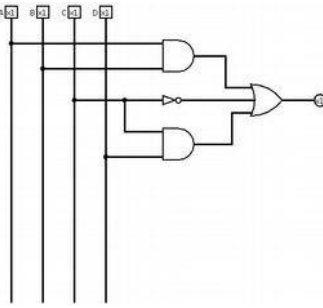
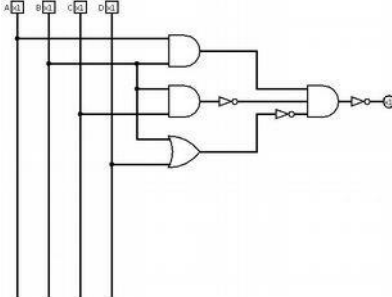
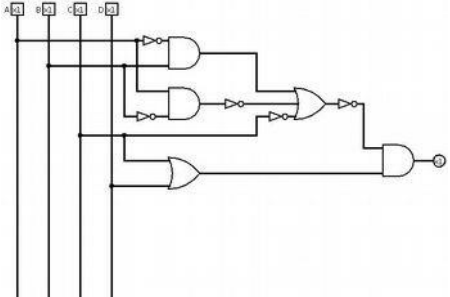
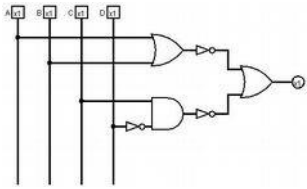
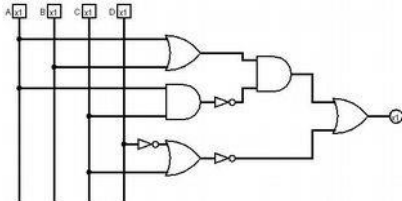


Expressões Obtidas de Circuitos Lógicos

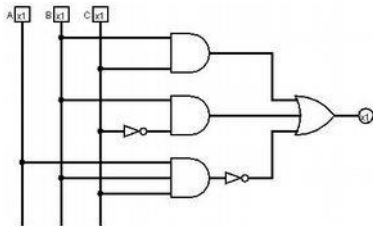
| | |
|--|--|
|  <p>A logic circuit with four inputs: A, B, C, and D. A and B are connected to an OR gate. C and D are connected to another OR gate. The outputs of these two OR gates are connected to an AND gate, which produces the final output.</p> | $(A+B) \cdot (C+D)$ |
|  <p>A logic circuit with four inputs: A, B, C, and D. A and B are connected to an AND gate. C and D are connected to an AND gate. The output of the second AND gate is connected to an OR gate along with input C. The output of this OR gate is then connected to an AND gate along with the output of the first AND gate (A.B). This final AND gate produces the output.</p> | $(A.B) + C + (C.D)$ |
|  <p>A logic circuit with four inputs: A, B, C, and D. A and B are connected to an AND gate. B and C are connected to an AND gate. B and D are connected to an OR gate. The output of the second AND gate is connected to an OR gate along with the output of the first AND gate. The output of this OR gate is then connected to an AND gate along with the output of the third OR gate. This final AND gate produces the output.</p> | $ ((A.B) \cdot (B.C) \cdot (B+D))$ |
|  <p>A logic circuit with four inputs: A, B, C, and D. A and B are connected to an AND gate. A and B are also connected to an OR gate. The output of the AND gate is connected to an OR gate along with the output of the OR gate. The output of this OR gate is then connected to an AND gate along with input C. The output of this AND gate is then connected to an AND gate along with the output of an OR gate that takes C and D as inputs. This final AND gate produces the output.</p> | $ (((A.B) + (A+ B)) + C) \cdot (C+D)$ |
| | |



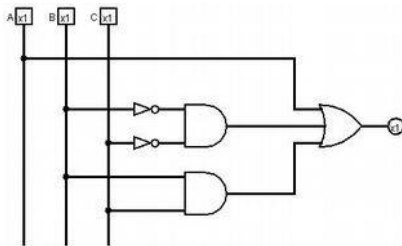
$$(A+B) + (C.D)$$



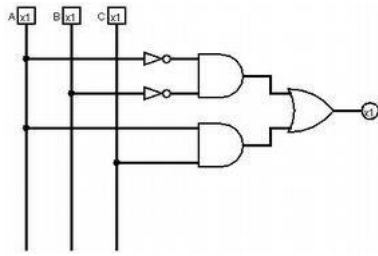
$$((A+B) . (A.C)) + (C+D)$$



$$(B.C) + (B.C) + (A.B.C)$$



$$A + ((B.C) + (B.C))$$



$$(|A.|B) + (A.C)$$

Nome do Aluno: Gabriel Veronez Giolo

Data: 22/09/2021

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