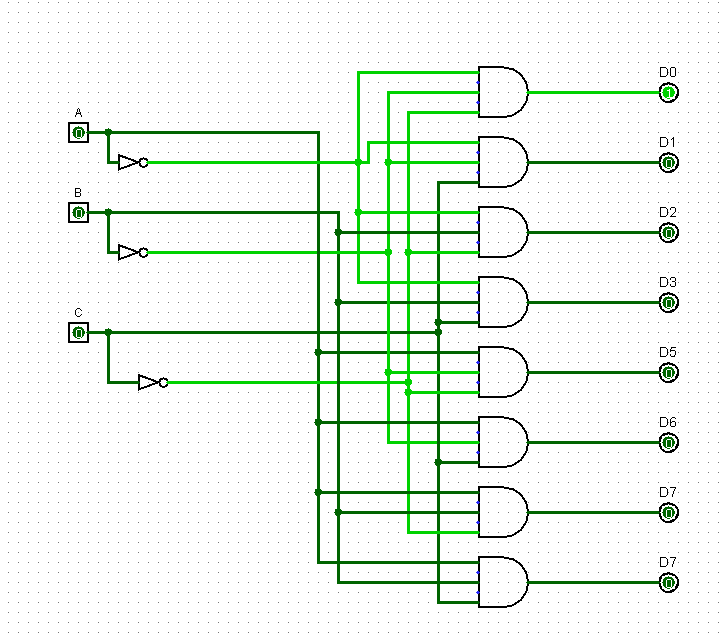
**LABORATÓRIO 03**

Aluno: Vinicius Dall Olivo Gonçalves

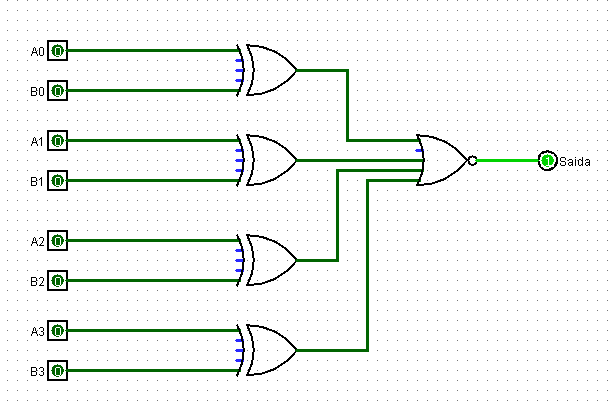
**1 –**



|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | D2 | D3 | D4 | D5 | D6 | D7 | D8 |
| 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

**2 –**

F(A0, B0, A1, B1, A2, B2, A3, B3) = (A3 + ~B3) (~A3 + B3) (A2 + ~B2) (~A2 + B2) (A1 + ~B1) (~A1 + B1) (A0 + ~B0) (~A0 + B0)

****

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A0 | B0 | A1 | B1 | A2 | B2 | A3 | B3 | Saída |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
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| 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
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| 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
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| 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 |
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