**Lösungen zu Übungen zu Wahrheitstabellen vom 26.11.18**

1. Wahrheitstabelle XOR-Verknüpfung

|  |  |  |
| --- | --- | --- |
| A | B | A XOR B |
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

1. Wahrheitstabelle Parkhausschranke

|  |  |  |  |
| --- | --- | --- | --- |
| T1 | LS1 | LS2 | M |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 1 |
| 1 | 1 | 1 | 0 |

1. Wahrheitstabelle Alarmzentrale

|  |  |  |  |
| --- | --- | --- | --- |
| B1 | B2 | B3 | Y |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 1 |
| 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 1 |
| 1 | 1 | 1 | 0 |