表 1 全加器真值表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **序号** | **输入** | | | **输出** | |
| **A** | **B** | **Ci-1** | **Ci** | **Si** |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 | 1 |
| 2 | 0 | 1 | 0 | 0 | 1 |
| 3 | 0 | 1 | 1 | 1 | 0 |
| 4 | 1 | 0 | 0 | 0 | 1 |
| 5 | 1 | 0 | 1 | 1 | 0 |
| 6 | 1 | 1 | 0 | 1 | 0 |
| 7 | 1 | 1 | 1 | 1 | 1 |

表 2 奇偶检验真值表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **序号** | **输入** | | | | **输出** |
| **A** | **B** | **C** | **D** | **Z** |
| **0** | 0 | 0 | 0 | 0 | 0 |
| **1** | 0 | 0 | 0 | 1 | 1 |
| **2** | 0 | 0 | 1 | 0 | 1 |
| **3** | 0 | 0 | 1 | 1 | 0 |
| **4** | 0 | 1 | 0 | 0 | 1 |
| **5** | 0 | 1 | 0 | 1 | 0 |
| **6** | 0 | 1 | 1 | 0 | 0 |
| **7** | 0 | 1 | 1 | 1 | 1 |
| **8** | 1 | 0 | 0 | 0 | 1 |
| **9** | 1 | 0 | 0 | 1 | 0 |
| **10** | 1 | 0 | 1 | 0 | 0 |
| **11** | 1 | 0 | 1 | 1 | 1 |
| **12** | 1 | 1 | 0 | 0 | 0 |
| **13** | 1 | 1 | 0 | 1 | 1 |
| **14** | 1 | 1 | 1 | 0 | 1 |
| **15** | 1 | 1 | 1 | 1 | 0 |