Lab04\_XIAQIN\_QIU

* 1. *R=*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *X* | *Y* | *Z* | *DNF Term* | *R* |
| 0 | 0 | 0 |  | 1 |
| 0 | 0 | 1 |  | 0 |
| 0 | 1 | 0 |  | 1 |
| 0 | 1 | 1 |  | 0 |
| 1 | 0 | 0 |  | 0 |
| 1 | 0 | 1 |  | 0 |
| 1 | 1 | 0 |  | 1 |
| 1 | 1 | 1 |  | 0 |

* 1. Shown below
  2. Shown below

|  |  |  |  |
| --- | --- | --- | --- |
|  | | Z | |
| 0 | 1 |
| XY | 00 | 0 | 1 |
| 10 | 1 | 1 |
| 11 | 0 | 1 |
| 01 | 1 | 0 |

* 1. Shown below
  2. Shown below

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | VZ | | | |
|  |  | 00 | 10 | 11 | 01 |
| XY | 00 | 1 | 1 | 0 | 0 |
| 10 | 1 | 0 | 1 | 1 |
| 11 | 1 | 1 | 0 | 0 |
| 01 | 0 | 0 | 1 | 1 |

* 1. Shown below
  2. Shown below

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | VZ | | | |
|  |  | 00 | 10 | 11 | 01 |
| XY | 00 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 |
| 11 | 0 | 0 | 0 | 1 |
| 01 | 1 | 1 | 0 | 0 |

* 1. Shown below
  2. Shown below

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | VZ | | | |
|  |  | 00 | 10 | 11 | 01 |
| XY | 00 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 0 | 0 |
| 11 | 1 | 1 | 1 | 0 |
| 01 | 1 | 1 | 0 | 0 |