|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | $0 | $1 | $2 | $3 | $4 | $5 |
| $0 | 1 | p | 0 | 0 | 0 | 0 |
| $1 | 1-p | 0 | p | 0 | 0 | 0 |
| $2 | 0 | 1-p | 0 | p | 0 | 0 |
| $3 | 0 | 0 | 1-p | 0 | p | 0 |
| $4 | 0 | 0 | 0 | 1-p | 0 | p |
| $5 | 0 | 0 | 0 | 0 | 0 | 1 |