F1(x,y)=xy’

|  |  |  |
| --- | --- | --- |
| X | Y | XY’ |
| 0 | 0 | 0 |
| 0 | 1 | 0 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

F1(x,y)=∑(z)

0 1

0

1

|  |  |
| --- | --- |
| 0 | 0 |
| 1 | 0 |

0 1

1

0

|  |  |
| --- | --- |
| M0 | M1 |
| M2 | M3 |

F2(x,y)=x’y+xy’

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| X | Y | X’Y | XY’ | F2 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 0 |

y

F2(x,y)=∑(1,z)

0 1

1

0

x

|  |  |
| --- | --- |
| 0 | 1 |
| 1 | 0 |