# TEXT-OUT

## Πίνακας Αλήθειας

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | Fa | Fb | Fc | Fd | Fe | Ff | Fg |
| 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |

## Πίνακες KARNAUGHT

|  |  |  |
| --- | --- | --- |
| AB\C | 0 | 1 |
| 00 | 0 | 0 |
| 01 | 0 | 0 |
| 11 | 1 | 0 |
| 10 | 0 | 0 |

Fa ->

|  |  |  |
| --- | --- | --- |
| AB\C | 0 | 1 |
| 00 | 1 | 1 |
| 01 | 1 | 0 |
| 11 | 0 | 0 |
| 10 | 0 | 0 |

Fb ->

|  |  |  |
| --- | --- | --- |
| AB\C | 0 | 1 |
| 00 | 1 | 1 |
| 01 | 1 | 0 |
| 11 | 0 | 0 |
| 10 | 1 | 0 |

Fc ->

|  |  |  |
| --- | --- | --- |
| AB\C | 0 | 1 |
| 00 | 0 | 0 |
| 01 | 0 | 0 |
| 11 | 1 | 1 |
| 10 | 0 | 0 |

Fd ->

|  |  |  |
| --- | --- | --- |
| AB\C | 0 | 1 |
| 00 | 0 | 0 |
| 01 | 0 | 0 |
| 11 | 1 | 1 |
| 10 | 0 | 0 |

Fe ->

|  |  |  |
| --- | --- | --- |
| AB\C | 0 | 1 |
| 00 | 0 | 0 |
| 01 | 0 | 0 |
| 11 | 1 | 1 |
| 10 | 1 | 0 |

Ff ->

|  |  |  |
| --- | --- | --- |
| AB\C | 0 | 1 |
| 00 | 0 | 1 |
| 01 | 0 | 1 |
| 11 | 1 | 1 |
| 10 | 0 | 1 |

Fg ->

## Απλοποιημένες Συναρτήσεις

Fa = A\*B\*C’

Fb = A’\*B’ + A’\*C’

Fc = A’\*B’ + A’\*C’ + B’\*C’

Fd = A\*B

Fe = A\*B

Ff = A\*B + A\*C’

Fg = A\*B + C