Таблица 3.2.4 – Поиск простых импликант С2\*С2

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C2\*C2 | 001xx1 | 0x10x1 | x010x1 | 0x1x01 | x01x01 | xx1001 | 0x101x | x0101x | 001x1x | xx1011 | 0x1x11 | x01x11 | xx1010 | 0x1x10 |
| 001xx1 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x10x1 |  | - |  |  |  |  |  |  |  |  |  |  |  |  |
| x010x1 |  |  | - |  |  |  |  |  |  |  |  |  |  |  |
| 0x1x01 |  |  |  | - |  |  |  |  |  |  |  |  |  |  |
| x01x01 |  |  |  |  | - |  |  |  |  |  |  |  |  |  |
| xx1001 |  |  |  |  |  | - |  |  |  |  |  |  |  |  |
| 0x101x |  |  |  |  |  |  | - |  |  |  |  |  |  |  |
| x0101x |  |  |  |  |  |  |  | - |  |  |  |  |  |  |
| 001x1x |  |  |  |  |  |  |  |  | - |  |  |  |  |  |
| xx1011 |  |  |  |  |  | xx10y1 |  |  |  | - |  |  |  |  |
| 0x1x11 |  |  |  | 0x1xy1 |  |  |  |  |  |  | - |  |  |  |
| x01x11 |  |  |  |  | x01xy1 |  |  |  |  |  |  | - |  |  |
| xx1010 |  |  |  |  |  |  |  |  |  | xx101y |  |  | - |  |
| 0x1x10 |  |  |  |  |  |  |  |  |  |  | 0x1x1y |  |  | - |
| x01x10 |  |  |  |  |  |  |  |  |  |  |  | x01x1y |  |  |
| x0110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x11x1 |  | 0x1yx1 |  |  |  |  |  |  |  |  |  |  |  |  |
| xx1101 |  |  |  |  |  | xx1y01 |  |  |  |  |  |  |  |  |
| x011x1 |  |  | x01yx1 |  |  |  |  |  |  |  |  |  |  |  |
| x011x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 011xx1 | 0y1xx1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x110x1 |  |  | xy10x1 |  |  |  |  |  |  |  |  |  |  |  |
| x11x01 |  |  |  |  | xy1x01 |  |  |  |  |  |  |  |  |  |
| x1101x |  |  |  |  |  |  |  | xy101x |  |  |  |  |  |  |
| 011x1x |  |  |  |  |  |  |  |  | 0y1x1x |  |  |  |  |  |
| x11x11 |  |  |  |  |  |  |  |  |  |  |  | xy1x11 |  |  |

*Продолжение таблицы 3.2.4*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C2\*C2 | 001xx1 | 0x10x1 | x010x1 | 0x1x01 | x01x01 | xx1001 | 0x101x | x0101x | 001x1x | xx1011 | 0x1x11 | x01x11 | xx1010 | 0x1x10 |
| x11x10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x111x1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1x11x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1x1x00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1x110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 111xx0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1111xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 111x0x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 101xx0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 101x0x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1xxx1x |  |  |  |  |  |  | yx101x |  | y01x1x |  | yx1x11 |  |  | yx1x10 |
| xxx11x |  |  |  |  |  |  | 0x1y1x | x01y1x |  | xx1y11 |  |  | xx1y10 |  |
| 1xx0xx |  | yx10x1 |  |  |  |  | yx101x |  |  |  |  |  |  |  |
| 1xxxx1 | y01xx1 | yx10x1 |  | yx1x01 |  |  |  |  |  |  | yx1x11 |  |  |  |

*Продолжение таблицы 3.2.4*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C2\*C2 | x01x10 | x0110x | 0011xx | 0x11x1 | xx1101 | x011x1 | x011x0 | 011xx1 | x110x1 | x11x01 | x1101x | 011x1x | x11x11 | x11x10 |
| 001xx1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x10x1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x010x1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1x01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01x01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| xx1001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x101x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x0101x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

*Продолжение таблицы 3.2.4*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C2\*C2 | x01x10 | x0110x | 0011xx | 0x11x1 | xx1101 | x011x1 | x011x0 | 011xx1 | x110x1 | x11x01 | x1101x | 011x1x | x11x11 | x11x10 |
| 001x1x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| xx1011 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1x11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01x11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| xx1010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1x10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01x10 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x0110x |  | - |  |  |  |  |  |  |  |  |  |  |  |  |
| 0011xx |  |  | - |  |  |  |  |  |  |  |  |  |  |  |
| 0x11x1 |  |  |  | - |  |  |  |  |  |  |  |  |  |  |
| xx1101 |  |  |  |  | - |  |  |  |  |  |  |  |  |  |
| x011x1 |  |  |  |  |  | - |  |  |  |  |  |  |  |  |
| x011x0 |  |  |  |  |  | x011xy | - |  |  |  |  |  |  |  |
| 011xx1 |  |  |  |  |  |  |  | - |  |  |  |  |  |  |
| x110x1 |  |  |  |  |  |  |  |  | - |  |  |  |  |  |
| x11x01 |  |  |  |  |  |  |  |  |  | - |  |  |  |  |
| x1101x |  |  |  |  |  |  |  |  |  |  | - |  |  |  |
| 011x1x |  |  |  |  |  |  |  |  |  |  |  | - |  |  |
| x11x11 |  |  |  |  |  |  |  |  |  | x11xy1 |  |  | - |  |
| x11x10 | xy1x10 |  |  |  |  |  |  |  |  |  |  |  | x11x1y | - |
| x111x1 |  |  |  |  |  | xy11x1 |  |  | x11yx1 |  |  |  |  |  |
| 1x11x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1x1x00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1x110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 111xx0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1111xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 111x0x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

*Продолжение таблицы 3.2.4*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C2\*C2 | x01x10 | x0110x | 0011xx | 0x11x1 | xx1101 | x011x1 | x011x0 | 011xx1 | x110x1 | x11x01 | x1101x | 011x1x | x11x11 | x11x10 |
| 101xx0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1011xx |  |  | y011xx |  |  |  |  |  |  |  |  |  |  |  |
| 101x0x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1xxx1x |  |  |  |  |  |  |  |  |  |  |  | y11x1x |  |  |
| xxx11x |  | x011yx |  |  | xx11y1 |  |  |  |  |  | x11y1x |  |  |  |
| 1xx0xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1xxxx1 |  |  |  | yx11x1 |  |  |  | y11xx1 |  |  |  |  |  |  |

*Продолжение таблицы 3.2.4*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C2\*C2 | x111x1 | 1x11x0 | 1x1x00 | 1x110x | 111xx0 | 1111xx | 111x0x | 101xx0 | 1011xx | 101x0x |
| 001xx1 |  |  |  |  |  |  |  |  |  |  |
| 0x10x1 |  |  |  |  |  |  |  |  |  |  |
| x010x1 |  |  |  |  |  |  |  |  |  |  |
| 0x1x01 |  |  |  |  |  |  |  |  |  |  |
| x01x01 |  |  |  |  |  |  |  |  |  |  |
| xx1001 |  |  |  |  |  |  |  |  |  |  |
| 0x101x |  |  |  |  |  |  |  |  |  |  |
| x0101x |  |  |  |  |  |  |  |  |  |  |
| 001x1x |  |  |  |  |  |  |  |  |  |  |
| xx1011 |  |  |  |  |  |  |  |  |  |  |
| 0x1x11 |  |  |  |  |  |  |  |  |  |  |
| x01x11 |  |  |  |  |  |  |  |  |  |  |
| xx1010 |  |  |  |  |  |  |  |  |  |  |
| 0x1x10 |  |  |  |  |  |  |  |  |  |  |
| x01x10 |  |  |  |  |  |  |  |  |  |  |
| x0110x |  |  |  |  |  |  |  |  |  |  |

*Продолжение таблицы 3.2.4*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C2\*C2 | x111x1 | 1x11x0 | 1x1x00 | 1x110x | 111xx0 | 1111xx | 111x0x | 101xx0 | 1011xx | 101x0x |
| 0011xx |  |  |  |  |  |  |  |  |  |  |
| 0x11x1 |  |  |  |  |  |  |  |  |  |  |
| xx1101 |  |  |  |  |  |  |  |  |  |  |
| x011x1 |  |  |  |  |  |  |  |  |  |  |
| x011x0 |  |  |  |  |  |  |  |  |  |  |
| 011xx1 |  |  |  |  |  |  |  |  |  |  |
| x110x1 |  |  |  |  |  |  |  |  |  |  |
| x11x01 |  |  |  |  |  |  |  |  |  |  |
| x1101x |  |  |  |  |  |  |  |  |  |  |
| 011x1x |  |  |  |  |  |  |  |  |  |  |
| x11x11 |  |  |  |  |  |  |  |  |  |  |
| x11x10 |  |  |  |  |  |  |  |  |  |  |
| x111x1 | - |  |  |  |  |  |  |  |  |  |
| 1x11x0 |  | - |  |  |  |  |  |  |  |  |
| 1x1x00 |  |  | - |  |  |  |  |  |  |  |
| 1x110x |  |  |  | - |  |  |  |  |  |  |
| 111xx0 |  |  |  |  | - |  |  |  |  |  |
| 1111xx |  |  |  |  |  | - |  |  |  |  |
| 111x0x |  |  |  |  |  |  | - |  |  |  |
| 101xx0 |  |  |  |  | 1y1xx0 |  |  | - |  |  |
| 1011xx |  |  |  |  |  | 1y11xx |  |  | - |  |
| 101x0x |  |  |  |  |  |  | 1y1x0x |  |  | - |
| 1xxx1x |  |  | 1x1xy0 | 1x11yx |  |  | 111xyx |  |  | 101xyx |
| xxx11x |  |  |  | 1x11yx |  |  |  |  |  |  |
| 1xx0xx |  | 1x1yx0 |  | 1x1y0x |  | 111yxx |  |  | 101yxx |  |
| 1xxxx1 |  | 1x11xy | 1x1x0y |  | 111xxy |  |  | 101xxy |  |  |