Таблица 3.2.3 – Поиск простых импликант С1\*С1

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C1\*C1 | 0010x1 | 001x01 | 0x1001 | x01001 | 00101x | 0x1011 | 001x11 | x01011 | 0x1010 | 001x10 | x01010 | 00110x | 0x1101 | 0011x1 |
| 0010x1 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001x01 |  | - |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1001 |  |  | - |  |  |  |  |  |  |  |  |  |  |  |
| x01001 |  |  |  | - |  |  |  |  |  |  |  |  |  |  |
| 00101x |  |  |  |  | - |  |  |  |  |  |  |  |  |  |
| 0x1011 |  |  | 0x10y1 |  |  | - |  |  |  |  |  |  |  |  |
| 001x11 |  | 001xy1 |  |  |  |  | - |  |  |  |  |  |  |  |
| x01011 |  |  |  | x010y1 |  |  |  | - |  |  |  |  |  |  |
| 0x1010 |  |  |  |  |  | 0x101y |  |  | - |  |  |  |  |  |
| 001x10 |  |  |  |  |  |  | 001x1y |  |  | - |  |  |  |  |
| x01010 |  |  |  |  |  |  |  | x0101y |  |  | - |  |  |  |
| 00110x |  |  |  |  |  |  |  |  |  |  |  | - |  |  |
| 0x1101 |  |  | 0x1y01 |  |  |  |  |  |  |  |  |  | - |  |
| 0011x1 | 001yx1 |  |  |  |  |  |  |  |  |  |  |  |  | - |
| x01101 |  |  |  | x01y01 |  |  |  |  |  |  |  |  |  |  |
| x01100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0011x0 |  |  |  |  |  |  |  |  |  |  |  |  |  | 0011xy |
| 0110x1 | 0y10x1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 011x01 |  | 0y1x01 |  |  |  |  |  |  |  |  |  |  |  |  |
| x11001 |  |  |  | xy1001 |  |  |  |  |  |  |  |  |  |  |
| 01101x |  |  |  |  | 0y101x |  |  |  |  |  |  |  |  |  |
| 011x11 |  |  |  |  |  |  | 0y1x11 |  |  |  |  |  |  |  |
| x11011 |  |  |  |  |  |  |  | xy1011 |  |  |  |  |  |  |
| 011x10 |  |  |  |  |  |  |  |  |  | 0y1x10 |  |  |  |  |
| x11010 |  |  |  |  |  |  |  |  |  |  | xy1010 |  |  |  |
| 0111x1 |  |  |  |  |  |  |  |  |  |  |  |  |  | 0y11x1 |
| x11101 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0101x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1x1100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1111x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 111x00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

*Продолжение таблицы 3.2.3*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C1\*C1 | 0010x1 | 001x01 | 0x1001 | x01001 | 00101x | 0x1011 | 001x11 | x01011 | 0x1010 | 001x10 | x01010 | 00110x | 0x1101 | 0011x1 |
| 1011x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 101x00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10110x |  |  |  |  |  |  |  |  |  |  |  | y0110x |  |  |
| 1xxx1x |  |  |  |  | y0101x | yx1011 | y01x11 |  | yx1010 | y01x10 |  |  |  |  |
| xxx11x |  |  |  |  | 001y1x | 0x1y11 |  | x01y11 | 0x1y10 |  | x01y10 | 0011yx | 0x11y1 |  |
| 1xx0xx | y010x1 |  | yx1001 |  | y0101x | yx1011 |  |  | yx1010 |  |  |  |  |  |
| 1xxxx1 | y010x1 | y01x01 | yx1001 |  |  | yx1011 | y01x11 |  |  |  |  |  | yx1101 | y011x1 |

*Продолжение таблицы 3.2.3*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C1\*C1 | x01100 | 0011x0 | 0110x1 | 011x01 | x11001 | 01101x | 011x11 | x11011 | 011x10 | x11010 | 0111x1 | x11101 | 0101x0 | 1x1100 |
| 0010x1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001x01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 00101x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1011 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001x11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01011 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001x10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 00110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1101 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0011x1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01101 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01100 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0011x0 |  | - |  |  |  |  |  |  |  |  |  |  |  |  |
| 0110x1 |  |  | - |  |  |  |  |  |  |  |  |  |  |  |

*Продолжение таблицы 3.2.3*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C1\*C1 | x01100 | 0011x0 | 0110x1 | 011x01 | x11001 | 01101x | 011x11 | x11011 | 011x10 | x11010 | 0111x1 | x11101 | 0101x0 | 1x1100 |
| 011x01 |  |  |  | - |  |  |  |  |  |  |  |  |  |  |
| x11001 |  |  |  |  | - |  |  |  |  |  |  |  |  |  |
| 01101x |  |  |  |  |  | - |  |  |  |  |  |  |  |  |
| 011x11 |  |  |  | 011xy1 |  |  | - |  |  |  |  |  |  |  |
| x11011 |  |  |  |  | x110y1 |  |  | - |  |  |  |  |  |  |
| 011x10 |  |  |  |  |  |  | 011x1y |  | - |  |  |  |  |  |
| x11010 |  |  |  |  |  |  |  | x1101y |  | - |  |  |  |  |
| 0111x1 |  |  | 011yx1 |  |  |  |  |  |  |  | - |  |  |  |
| x11101 |  |  |  |  | x11y01 |  |  |  |  |  |  | - |  |  |
| 0101x0 |  |  |  |  |  |  |  |  |  |  |  |  | - |  |
| 1x1100 |  |  |  |  |  |  |  |  |  |  |  |  |  | - |
| 1111x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 111x00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1011x0 |  | y011x0 |  |  |  |  |  |  |  |  |  |  |  |  |
| 101x00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1xxx1x |  |  |  |  |  | y1101x | y11x11 |  | y11x10 |  |  |  |  | 1x11y0 |
| xxx11x | x011y0 |  |  |  |  | 011y1x |  | x11y11 |  | x11y10 |  | x111y1 |  | 1x11y0 |
| 1xx0xx |  |  | y110x1 |  |  | y1101x |  |  |  |  |  |  |  | 1x1y00 |
| 1xxxx1 |  |  | y110x1 | y11x01 |  |  | y11x11 |  |  |  | y111x1 |  |  | 1x110y |

*Продолжение таблицы 3.2.3*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| C1\*C1 | 1111x0 | 111x00 | 11110x | 1011x0 | 101x00 | 10110x | 1xxx1x |
| 0010x1 |  |  |  |  |  |  |  |
| 001x01 |  |  |  |  |  |  |  |
| 0x1001 |  |  |  |  |  |  |  |
| x01001 |  |  |  |  |  |  |  |
| 00101x |  |  |  |  |  |  |  |
| 0x1011 |  |  |  |  |  |  |  |
| 001x11 |  |  |  |  |  |  |  |
| x01011 |  |  |  |  |  |  |  |
| 0x1010 |  |  |  |  |  |  |  |
| 001x10 |  |  |  |  |  |  |  |
| x01010 |  |  |  |  |  |  |  |
| 00110x |  |  |  |  |  |  |  |
| 0x1101 |  |  |  |  |  |  |  |
| 0011x1 |  |  |  |  |  |  |  |
| x01101 |  |  |  |  |  |  |  |
| x01100 |  |  |  |  |  |  |  |
| 0011x0 |  |  |  |  |  |  |  |
| 0110x1 |  |  |  |  |  |  |  |
| 011x01 |  |  |  |  |  |  |  |
| x11001 |  |  |  |  |  |  |  |
| 01101x |  |  |  |  |  |  |  |
| 011x11 |  |  |  |  |  |  |  |
| x11011 |  |  |  |  |  |  |  |
| 011x10 |  |  |  |  |  |  |  |
| x11010 |  |  |  |  |  |  |  |
| 0111x1 |  |  |  |  |  |  |  |
| x11101 |  |  |  |  |  |  |  |

*Продолжение таблицы 3.2.3*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| C1\*C1 | 1111x0 | 111x00 | 11110x | 1011x0 | 101x00 | 10110x | 1xxx1x |
| 0101x0 |  |  |  |  |  |  |  |
| 1x1100 |  |  |  |  |  |  |  |
| 1111x0 | - |  |  |  |  |  |  |
| 111x00 |  | - |  |  |  |  |  |
| 11110x |  |  | - |  |  |  |  |
| 1011x0 | 1y11x0 |  |  | - |  |  |  |
| 101x00 |  | 1y1x00 |  |  | - |  |  |
| 10110x |  |  | 1y110x |  |  | - |  |
| 1xxx1x |  | 111xy0 | 1111yx |  | 101xy0 | 1011yx | - |
| xxx11x |  |  | 1111yx |  |  | 1011yx |  |
| 1xx0xx | 111yx0 |  | 111y0x | 101yx0 |  | 101y0x |  |
| 1xxxx1 | 1111xy | 111x0y |  | 1011xy | 101x0y |  |  |