Таблица 3.2.4 - Поиск простых импликант ().

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C2\*C2 | x001x0 | 001xx1 | 0x10x1 | x010x1 | 0x1x01 | x01x01 | xx1001 | 0x101x | x0101x | 001x1x | xx1010 | 0x1x10 | x01x10 | xx1011 | 0x1x11 | x01x11 | 0x11x1 | xx1101 | x011x1 | 011xx1 | x110x1 | x11x01 | x1101x | 011x1x | x11x10 | x11x11 | x1110x | 0111xx | x111x0 | x111x1 | 10x1x0 | 10xx00 | 10x10x | 100xx0 | 100x0x | 1001xx | 1x11x0 | 1x1x00 | 1x110x | 101xx0 | 101x0x | 1011xx | 111xx0 | 111x0x | 1111xx |
| x001x0 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001xx1 |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x10x1 |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x010x1 |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1x01 |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01x01 |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| xx1001 |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x101x |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x0101x |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001x1x |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| xx1010 |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1x10 |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01x10 |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| xx1011 |  |  |  |  |  |  | xx10y1 |  |  |  | xx101y |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1x11 |  |  |  |  | 0x1xy1 |  |  |  |  |  |  | 0x1x1y |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01x11 |  |  |  |  |  | x01xy1 |  |  |  |  |  |  | x01x1y |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x11x1 |  |  | 0x1yx1 |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| xx1101 |  |  |  |  |  |  | xx1y01 |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x011x1 |  |  |  | x01yx1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 011xx1 |  | 0y1xx1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x110x1 |  |  |  | xy10x1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x11x01 |  |  |  |  |  | xy1x01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x1101x |  |  |  |  |  |  |  |  | xy101x |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 011x1x |  |  |  |  |  |  |  |  |  | 0y1x1x |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x11x10 |  |  |  |  |  |  |  |  |  |  |  |  | xy1x10 |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x11x11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | xy1x11 |  |  |  |  |  | x11xy1 |  |  | x11x1y | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x1110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0111xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x111x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x111x1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | xy11x1 |  | x11yx1 |  |  |  |  |  |  |  | x111xy | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10x1x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10xx00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10x10x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |
| 100xx0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |
| 100x0x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |
| 1001xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |
| 1x11x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |
| 1x1x00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |
| 1x110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |
| 101xx0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10yxx0 |  |  |  |  |  | - |  |  |  |  |  |
| 101x0x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10yx0x |  |  |  |  |  | - |  |  |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10y1xx |  |  |  |  |  | - |  |  |  |
| 111xx0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1y1xx0 |  |  | - |  |  |
| 111x0x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1y1x0x |  |  | - |  |
| 1111xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | y111xx |  |  |  |  |  |  |  |  |  |  |  |  |  | 1y11xx |  |  | - |
| 1xxx1x |  |  |  |  |  |  |  | yx101x |  | y01x1x |  | yx1x10 |  |  | yx1x11 |  |  |  |  |  |  |  |  | y11x1x |  |  |  |  |  |  |  | 10xxy0 | 10x1yx |  | 100xyx |  |  | 1x1xy0 | 1x11yx |  | 101xyx |  |  | 111xyx |  |
| 1xx0xx |  |  | yx10x1 |  |  |  |  | yx101x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10xyx0 |  | 10xy0x |  |  | 100yxx | 1x1yx0 |  | 1x1y0x |  |  | 101yxx |  |  | 111yxx |
| xxx11x |  |  |  |  |  |  |  | 0x1y1x | x01y1x |  | xx1y10 |  |  | xx1y11 |  |  |  | xx11y1 |  |  |  |  | x11y1x |  |  |  | x111yx |  |  |  |  |  | 10x1yx |  |  |  |  |  | 1x11yx |  |  |  |  |  |  |
| 1xxxx1 |  | y01xx1 | yx10x1 |  | yx1x01 |  |  |  |  |  |  |  |  |  | yx1x11 |  | yx11x1 |  |  | y11xx1 |  |  |  |  |  |  |  |  |  |  | 10x1xy | 10xx0y |  | 100xxy |  |  | 1x11xy | 1x1x0y |  | 101xxy |  |  | 111xxy |  |  |
| A3 | Ø | 0x1xx1 x01xx1 | 0x1xx1 xx10x1 xx10x1 | x01xx1 xx10x1 | 0x1xx1 xx1x01 | x01xx1 xx1x01 | xx10x1 xx1x01 | xx101x xx101x 0x1x1x | xx101x x01x1x | 0x1x1x x01x1x | xx101x xx1x10 | 0x1x1x xx1x10 | x01x1x xx1x10 | xx1x11 | xx1x11 xx1x11 | xx1x11 | xx11x1 | xx11x1 | xx11x1 | x11xx1 | x11xx1 | x11xx1 | x11x1x | x11x1x | x11x1x | Ø | x111xx | x111xx | x111xx | Ø | 10xxx0 10x1xx | 10xxx0 10xx0x | 10x1xx 10xx0x 10x1xx | 10xxx0 100xxx | 10xx0x 100xxx | 10x1xx 100xxx | 1x1xx0 1x11xx | 1x1xx0 1x1x0x | 1x11xx 1x1x0x 1x11xx | 1x1xx0 101xxx | 1x1x0x 101xxx | 1x11xx 101xxx | 111xxx | 111xxx | 111xxx |