Таблица 3.2.3 - Поиск простых импликант ().

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| C1\*C1 | x00100 | 0001x0 | 0010x1 | 001x01 | 0x1001 | x01001 | 00101x | 0x1010 | x01010 | 001x10 | 0x1011 | x01011 | 001x11 | 0x1101 | 0011x1 | x01101 | 0110x1 | 011x01 | x11001 | 01101x | x11010 | 011x10 | x11011 | 011x11 | 01110x | x11100 | 0111x0 | 0111x1 | x11101 | 10x100 | 100x00 | 1001x0 | 10010x | 1x1100 | 101x00 | 1011x0 | 10110x | 111x00 | 1111x0 | 11110x | 1xxx1x |
| x00100 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0001x0 |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0010x1 |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001x01 |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1001 |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01001 |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 00101x |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1010 |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01010 |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001x10 |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1011 |  |  |  |  | 0x10y1 |  |  | 0x101y |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01011 |  |  |  |  |  | x010y1 |  |  | x0101y |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 001x11 |  |  |  | 001xy1 |  |  |  |  |  | 001x1y |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0x1101 |  |  |  |  | 0x1y01 |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0011x1 |  |  | 001yx1 |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x01101 |  |  |  |  |  | x01y01 |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0110x1 |  |  | 0y10x1 |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 011x01 |  |  |  | 0y1x01 |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x11001 |  |  |  |  |  | xy1001 |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 01101x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x11010 |  |  |  |  |  |  |  |  | xy1010 |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 011x10 |  |  |  |  |  |  |  |  |  | 0y1x10 |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x11011 |  |  |  |  |  |  |  |  |  |  |  | xy1011 |  |  |  |  |  |  | x110y1 |  | x1101y |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 011x11 |  |  |  |  |  |  |  |  |  |  |  |  | 0y1x11 |  |  |  |  | 011xy1 |  |  |  | 011x1y |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 01110x |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x11100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0111x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0111x1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0y11x1 |  | 011yx1 |  |  |  |  |  |  |  |  |  | 0111xy | - |  |  |  |  |  |  |  |  |  |  |  |  |  |
| x11101 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | xy1101 |  |  | x11y01 |  |  |  |  |  |  | x1110y |  |  | - |  |  |  |  |  |  |  |  |  |  |  |  |
| 10x100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |  |
| 100x00 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |  |
| 1001x0 |  | y001x0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | - |  |  |  |  |  |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10yx00 |  |  |  | - |  |  |  |  |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10y1x0 |  |  |  | - |  |  |  |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10y10x |  |  |  | - |  |  |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1y1x00 |  |  | - |  |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | y111x0 |  |  |  |  |  |  |  |  | 1y11x0 |  |  | - |  |  |
| 1011xx |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | y1110x |  |  |  |  |  |  |  |  |  |  |  | 1y110x |  |  | - |  |
| 1xxx1x |  |  |  |  |  |  | y0101x | yx1010 |  | y01x10 | yx1011 |  | y01x11 |  |  |  |  |  |  | y1101x |  | y11x10 |  | y11x11 |  |  |  |  |  | 10x1y0 | 100xy0 |  | 1001yx | 1x11y0 | 101xy0 |  | 1011yx | 111xy0 |  | 1111yx | - |
| 1xx0xx |  |  | y010x1 |  | yx1001 |  | y0101x | yx1010 |  |  | yx1011 |  |  |  |  |  | y110x1 |  |  | y1101x |  |  |  |  |  |  |  |  |  | 10xy00 |  | 100yx0 | 100y0x | 1x1y00 |  | 101yx0 | 101y0x |  | 111yx0 | 111y0x |  |
| xxx11x | x001y0 |  |  |  |  |  | 001y1x | 0x1y10 | x01y10 |  | 0x1y11 | x01y11 |  | 0x11y1 |  | x011y1 |  |  |  | 011y1x | x11y10 |  | x11y11 |  | 0111yx | x111y0 |  |  | x111y1 | 10x1y0 |  |  | 1001yx | 1x11y0 |  |  | 1011yx |  |  | 1111yx |  |
| 1xxxx1 |  |  | y010x1 | y01x01 | yx1001 |  |  |  |  |  | yx1011 |  | y01x11 | yx1101 | y011x1 |  | y110x1 | y11x01 |  |  |  |  |  | y11x11 |  |  |  | y111x1 |  | 10x10y | 100x0y | 1001xy |  | 1x110y | 101x0y | 1011xy |  | 111x0y | 1111xy |  |  |
| A2 | x001x0 | x001x0 | 001xx1 0x10x1 x010x1 x010x1 | 001xx1 0x1x01 x01x01 | 0x10x1 0x1x01 xx1001 xx1001 | x010x1 x01x01 xx1001 | 0x101x x0101x x0101x 001x1x | 0x101x xx1010 xx1010 0x1x10 | x0101x xx1010 x01x10 | 001x1x 0x1x10 x01x10 | xx1011 xx1011 0x1x11 xx1011 | xx1011 x01x11 | 0x1x11 x01x11 x01x11 | 0x11x1 xx1101 | 0x11x1 x011x1 | xx1101 x011x1 | 011xx1 x110x1 x110x1 | 011xx1 x11x01 | x110x1 x11x01 | x1101x x1101x 011x1x | x1101x x11x10 | 011x1x x11x10 | x11x11 | x11x11 x11x11 | x1110x 0111xx | x1110x x111x0 | 0111xx x111x0 | x111x1 | x111x1 | 10x1x0 10xx00 10x1x0 10x10x | 10xx00 100xx0 100x0x | 10x1x0 100xx0 1001xx | 10x10x 1001xx 100x0x 1001xx | 1x11x0 1x1x00 1x11x0 1x110x | 1x1x00 101xx0 101x0x | 1x11x0 101xx0 1011xx | 1x110x 1011xx 101x0x 1011xx | 111xx0 111x0x | 111xx0 1111xx | 1111xx 111x0x 1111xx | Ø |