Возьмем вектор значений 0100 0010 1010 1010

|  |  |
| --- | --- |
|  |  |
| 000 | 0 |
| 001 | 1 |
| 010 | 0 |
| 011 | 0 |
| 100 | 0 |
| 101 | 0 |
| 110 | 1 |
| 111 | 0 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 000 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 001 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |  |
| 010 | 0 | 0 | 0 | 0 | 1 | 1 |  |  |
| 011 | 0 | 0 | 0 | 1 | 0 |  |  |  |
| 100 | 0 | 0 | 1 | 1 |  |  |  |  |
| 101 | 0 | 1 | 0 |  |  |  |  |  |
| 110 | 1 | 1 |  |  |  |  |  |  |
| 111 | 0 |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
|  |  |
| 000 | 1 |
| 001 | 0 |
| 010 | 0 |
| 011 | 0 |
| 100 | 0 |
| 101 | 1 |
| 110 | 0 |
| 111 | 1 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 000 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 001 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |  |
| 010 | 0 | 0 | 0 | 1 | 0 | 1 |  |  |
| 011 | 0 | 0 | 1 | 1 | 1 |  |  |  |
| 100 | 0 | 1 | 0 | 0 |  |  |  |  |
| 101 | 1 | 1 | 0 |  |  |  |  |  |
| 110 | 0 | 1 |  |  |  |  |  |  |
| 111 | 1 |  |  |  |  |  |  |  |

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| --- | --- |
|  |  |
| 000 | 0 |
| 001 | 0 |
| 010 | 0 |
| 011 | 0 |
| 100 | 1 |
| 101 | 0 |
| 110 | 1 |
| 111 | 0 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 000 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| 001 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |  |
| 010 | 0 | 0 | 1 | 1 | 1 | 1 |  |  |
| 011 | 0 | 1 | 0 | 0 | 0 |  |  |  |
| 100 | 1 | 1 | 0 | 0 |  |  |  |  |
| 101 | 0 | 1 | 0 |  |  |  |  |  |
| 110 | 1 | 1 |  |  |  |  |  |  |
| 111 | 0 |  |  |  |  |  |  |  |

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| --- | --- |
|  |  |
| 000 | 0 |
| 001 | 0 |
| 010 | 1 |
| 011 | 0 |
| 100 | 1 |
| 101 | 0 |
| 110 | 1 |
| 111 | 1 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 |
| 001 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |  |
| 010 | 1 | 1 | 0 | 0 | 0 | 1 |  |  |
| 011 | 0 | 1 | 0 | 0 | 1 |  |  |  |
| 100 | 1 | 1 | 0 | 1 |  |  |  |  |
| 101 | 0 | 1 | 1 |  |  |  |  |  |
| 110 | 1 | 0 |  |  |  |  |  |  |
| 111 | 1 |  |  |  |  |  |  |  |

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| --- | --- |
|  |  |
| 000 | 0 |
| 001 | 1 |
| 010 | 0 |
| 011 | 1 |
| 100 | 0 |
| 101 | 1 |
| 110 | 1 |
| 111 | 0 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 000 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 001 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |  |
| 010 | 0 | 1 | 0 | 0 | 1 | 0 |  |  |
| 011 | 1 | 1 | 0 | 1 | 1 |  |  |  |
| 100 | 0 | 1 | 1 | 0 |  |  |  |  |
| 101 | 1 | 0 | 1 |  |  |  |  |  |
| 110 | 1 | 1 |  |  |  |  |  |  |
| 111 | 0 |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
|  |  |
| 000 | 1 |
| 001 | 0 |
| 010 | 1 |
| 011 | 0 |
| 100 | 1 |
| 101 | 1 |
| 110 | 0 |
| 111 | 1 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 000 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |
| 001 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |  |
| 010 | 1 | 1 | 0 | 1 | 1 | 0 |  |  |
| 011 | 0 | 1 | 1 | 0 | 1 |  |  |  |
| 100 | 1 | 0 | 1 | 1 |  |  |  |  |
| 101 | 1 | 1 | 0 |  |  |  |  |  |
| 110 | 0 | 1 |  |  |  |  |  |  |
| 111 | 1 |  |  |  |  |  |  |  |

Класс

Класс

Класс - самодвойственные функции.

Класс – монотонные функции: таких в данном случае нет

Класс – линейные функции.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  | + | - | + | - | - |
|  | - | + | - | - | - |
|  | + | - | - | - | - |
|  | + | + | - | - | - |
|  | + | - | - | - | - |
|  | - | + | - | - | - |

– минимальные по включению

Выразим через все стандартные функции

Выразим отрицание

Выразим 1

Так как

Выразим 0

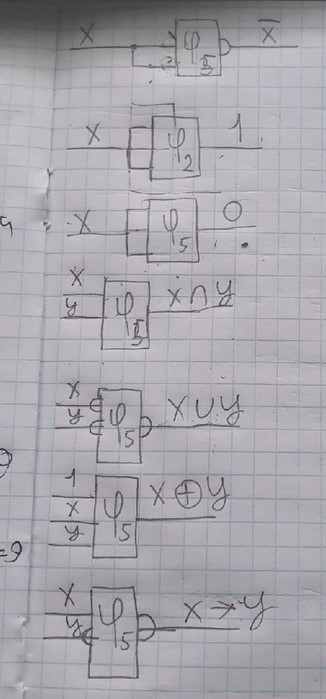
Так как

Теперь выразим функцию

Выразим функцию

Выразим

Выразим

**