 

### 10010111

r. HoBoKy3He x, 2012



Cnoco6 n3 c6op nxa qno

noqroToBxn « Era

7 ' '\*

. ’% m“Um . ‘ .. .- Äm

MeToq OTo6pawe no

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i:2 P °

Y &

“ “ /





(x, ——+ x + (x, x = 1

|  |  |  |
| --- | --- | --- |
|  |  |  |
| 0 | 0 | 0 |
| 1 |
| 1 |  |
| 1 |
| 1 | 0 | 1 |
| 1 | 0 |
| 1 |

Метод отображения

x1x2 x2x3

|  |  |  |
| --- | --- | --- |
| x1 | x2 | x3 |
|  |  |  |
|  |  |
|  |  |
|  |  |
|  |  |  |
|  |  |  |
|  |  |

# 00 00

0

0

0

# 01 01

1

1

0

# 10 10

1

1

0

1

# 11 11

1

0

1

## Метод отображения

x1x2 x2x3

# 00 00

01 01

10 10

11 11

##### *F (00) = F (00)*

*F (01) = F (00) + F (10)*

*F (10) = F (01) + F (11)*

*F (11) = F (01) + F (11)*







   X 4, X5 X 5, X 6 X 6 X 7  X8• 9 9• 10

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 2 | 3 | 5 | 8 | 13 | 21 | 34 | 55 |
| 1 | 2 | 4 | 7 | 12 | 20 | 33 | 54 | 88 |
| 1 2 | 4 | 7 | 12 | 20 | 33 54 |



Задание 1.

\*1 • ( z \*зЈ + \*i • \*z = 1

Заqанпе 3\*.

В таблпцу выппсалп все

\*z • (>з \*aJ + \*z' • \*з 1

|  |  |  |
| --- | --- | --- |
| X 1 | Xg | Xj |
| 0 | 0 | 0 |
| 1 |
| 1 | 1 |
|  |  |  |
|  |
|  |  |



решения уравнения

F(x1, x2, хз)' 1

\*з•(\*а \*s\*+\*з•\*4 1

в • \* \*ioJ + \*в • \*s - 1

Задание 2.

Сколько решений имеет система уравнений:





13 34

20 33 54

o 1 2 4 7 12 20 33 54

QonOJlHxTenaHaIe ycnoBHH

10 10

11 11

X 1, X2 X 2, X 3 X3. X4 X4, X 5

X 5• X 6 X6• X 7 X7, X8 X8, Xg Xg, X10



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2 | 3 | 5 | 8 | 12 | 8 | 20 | 28 |
| 2 | 4 | 7 | 12 | 8 | 20 | 28 | 48 |
| 2 | 4 | 7 | 0 | 8 | 20 | 28 | 48 |

#### QonOJlHxTenaHaIe ycnoBHH

(x, ——+ x2) + (x, ——+ x,) = 1 00

(\*2 3J + (\*2 ) = 1 01 01

(xø —+ x,) + (x, —+ x, D) = 1

z 9 = 0

10 10

11 11

X 1• X 2

X2 X3 X3• X4 X4• X5

X 5, X6 X6 X7

X7, X8 X8• X9 X9• X10



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 3 | 5 | 8 | 13 | 21 | 0 | 55 |
| 2 | 4 | 7 | 12 | 20 | 33 | 54 | 0 |
| 2 | 4 | 7 | 12 | 20 | 33 | 0 |  |

QonOJlHxTenaHaIe ycnoBxHn

* ı= 0HKg = 0 #0 00

01 \* 01

10 10

11 11

X1• X2

|  |  |  |
| --- | --- | --- |
| X2 X3 X3• X4 X4• X5 X5, X6 | X6 X7 | X7, X8 X8• X9 X9• X10 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 2 | 0 | 5 | 1 | 6 | 7 | 13 |
| 1 | 2 | 4 | 0 | 5 | 6 | 12 | 19 |
| 1 | 2 | 0 | 0 | 5 | 6 | 12 | 19 |



QonOJlHxTenaHaIe ycnoBHH

x, 0 H X, = o 52 pece zs

###### (=B - -,ì +( B' 10

\*• 1 H Xg 1 65 peceHzż

"' "° OTBeT: 117 pewe nû

X1• X 2 X2 X3 X3. X4 X4• X5 X 5, X 6 X 6 X 7 X 7, X 8 X8• X 9 X 9• X 10

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 1 | 1 | 2 | 0 | 5 | 5 | 10 | 15 |
| 1 | 1 | 2 | 0 | 5 | 5 | 10 | 15 | 25 |
| 1 | 1 | 2 | 3 | 5 | 5 | 10 | 15 | 25 |

Заданаs дns тренаровха

Задание 4.

(х, ——+ х ) + (х, • х,) = 1

(х, —+ х ) + (х • ху) = 1

(х, ——+ ху) + (ху • х$) = 1

Задание 5.

(х, ——+ х ) + (х, • х,) = 1

(х, —+ х ) + (х • ху) = 1

(х, ——+ ху) + (ху • х$) = 1

( в \*яl

‘+ (xq

3„) = 1

( в \*яl

‘+ (xq

3„) = 1

х, = 1

Задание 6\*.

(х -—+ х,) + (х, • х ) = 1



(х ——+ xq) + (xq • х$) = 1

( в в) + ( в ›«) = \*

6' 7 ' 1