

Reporte practica 2

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1 Matriz 2x2

1.1 Estados

| | | | |
|-------------------|-------------------|--------------------|--------------------|
| 0.- 0 0 0 0 | 4.- 0 0 1 0 | 8.- 0 0 0 1 | 12.- 0 0 1 1 |
| 0 0 0 0 | 1 1 0 0 | 0 0 0 0 | 0 0 0 0 |
| 1.- 1 0 0 0 | 5.- 1 0 1 0 | 9.- 1 0 0 1 | 13.- 1 0 1 1 |
| 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 1 1 |
| 2.- 0 1 0 0 | 6.- 0 1 1 0 | 10.- 0 1 0 1 | 14.- 0 1 1 1 |
| 0 0 0 0 | 1 0 1 0 | 0 0 0 0 | 0 0 0 0 |
| 3.- 1 1 0 0 | 7.- 1 1 1 0 | 11.- 1 1 0 1 | 15.- 1 1 1 1 |
| 0 0 0 0 | 0 0 0 0 | 0 1 0 1 | 0 0 0 0 |

1.2 Atractor

2x2games.png

2 Matriz 3x3

2.1 Estados

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0.-          1 1 1  0 0 0          1 0 0  0 0 0
0 0 0  0 0 0          0 0 0  0 0 0          0 0 0  0 0 0
0 0 0  0 0 0          0 0 0  0 0 0 12.-
0 0 0  0 0 0  5.-          0 0 1  1 1 1
          1 0 1  1 1 1          1 0 0  1 1 1
0 0 0          0 0 0  1 1 1          0 0 0  1 1 1 17.-
0 0 0          0 0 0  1 1 1 10.-          1 0 0
0 0 0  3.-          0 1 0  0 0 0          0 1 0
          1 1 0  0 0 0          1 0 0  0 0 0
          0 0 0  0 0 0          0 0 0  0 0 0
          0 0 0  0 0 0          0 0 0  0 0 0 15.-
          0 0 0  0 0 0  8.-          1 1 1  0 0 0
1.-          0 0 0  0 0 0          1 0 0  0 0 0
1 0 0  0 0 0          1 0 0  0 0 0          0 0 0  0 0 0
0 0 0  0 0 0          0 0 0  0 0 0 13.-
0 0 0  0 0 0  6.-          1 0 1  1 1 1
          0 1 1  0 0 0          1 0 0  1 0 0
0 0 0          0 0 0  0 0 0          0 0 0  0 0 0 18.-
0 0 0          0 0 0  0 0 0 11.-          0 1 0
0 0 0  4.-          1 1 0  1 1 1          0 1 0
          0 0 1  0 0 0          1 0 0  1 1 1          0 0 0
          0 0 0  0 0 0          0 0 0  1 1 1 16.-
          0 0 0  0 0 0  9.-          0 0 0  0 0 0
2.-          1 0 0  1 1 1          0 1 0  0 0 0
0 1 0  0 0 0          1 0 0  1 1 1          0 0 0  0 0 0
0 0 0  0 0 0          0 0 0  1 1 1 14.-
0 0 0  0 0 0  7.-          0 1 1  0 0 0

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|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | 1 1 1 | 28.- | 0 0 0 | 1 0 1 | 1 1 1 | 1 0 1 | | |
| 19.- | 0 1 0 | 0 0 1 | 0 0 0 | 0 0 1 | | 0 0 0 | | |
| 1 1 0 | 0 0 0 | 1 1 0 | | 0 0 0 | | | | |
| 0 1 0 | | 0 0 0 | | | | 0 1 1 | 51.- | |
| 0 0 0 | | | | 1 1 1 | 42.- | 1 0 1 | 1 1 0 | |
| | | 1 1 1 | 33.- | 1 1 1 | 0 1 0 | 0 0 0 | 0 1 1 | |
| 1 1 1 | 24.- | 1 1 1 | 1 0 0 | 1 1 1 | 1 0 1 | | 0 0 0 | |
| 1 1 1 | 0 0 0 | 1 1 1 | 0 0 1 | | 0 0 0 | | | |
| 1 1 1 | 1 1 0 | | 0 0 0 | | | | 1 1 0 | |
| | 0 0 0 | | | | 1 1 1 | 47.- | 0 1 1 | |
| | | | 0 0 0 | 38.- | 1 1 1 | 1 1 1 | 0 0 0 | |
| | 0 0 0 | 29.- | 0 0 0 | 0 1 1 | 1 1 1 | 1 0 1 | | |
| 20.- | 0 0 0 | 1 0 1 | 0 0 0 | 0 0 1 | | 0 0 0 | | |
| 0 0 1 | 0 0 0 | 1 1 0 | | 0 0 0 | | | | |
| 0 1 0 | | 0 0 0 | | | | 0 0 0 | 52.- | |
| 0 0 0 | | | | 1 1 1 | 43.- | 0 0 0 | 0 0 1 | |
| | | 1 0 1 | 34.- | 1 1 1 | 1 1 0 | 0 0 0 | 0 1 1 | |
| 0 0 0 | 25.- | 1 1 0 | 0 1 0 | 1 1 1 | 1 0 1 | | 0 0 0 | |
| 0 0 0 | 1 0 0 | 0 0 0 | 0 0 1 | | 0 0 0 | | | |
| 0 0 0 | 1 1 0 | | 0 0 0 | | | | 1 1 1 | |
| | 0 0 0 | | | | 1 1 0 | 48.- | 1 1 1 | |
| | | | 0 0 0 | 39.- | 1 0 1 | 0 0 0 | 1 1 1 | |
| | 1 1 1 | 30.- | 0 0 0 | 1 1 1 | 0 0 0 | 0 1 1 | | |
| 21.- | 1 1 1 | 0 1 1 | 0 0 0 | 0 0 1 | | 0 0 0 | | |
| 1 0 1 | 1 1 1 | 1 1 0 | | 0 0 0 | | | | |
| 0 1 0 | | 0 0 0 | | | | 0 0 0 | 53.- | |
| 0 0 0 | | | | 1 1 1 | 44.- | 0 0 0 | 1 0 1 | |
| | | 0 1 1 | 35.- | 0 0 1 | 0 0 1 | 0 0 0 | 0 1 1 | |
| 1 1 1 | 26.- | 1 1 0 | 1 1 0 | 0 0 0 | 1 0 1 | | 0 0 0 | |
| 1 1 1 | 0 1 0 | 0 0 0 | 0 0 1 | | 0 0 0 | | | |
| 1 1 1 | 1 1 0 | | 0 0 0 | | | | 1 0 1 | |
| | 0 0 0 | | | | 1 1 1 | 49.- | 0 1 1 | |
| | | | 1 1 1 | 40.- | 1 1 1 | 1 0 0 | 0 0 0 | |
| | 1 1 1 | 31.- | 1 1 1 | 0 0 0 | 1 1 1 | 0 1 1 | | |
| 22.- | 1 1 1 | 1 1 1 | 1 1 1 | 1 0 1 | | 0 0 0 | | |
| 0 1 1 | 1 1 1 | 1 1 0 | | 0 0 0 | | | | |
| 0 1 0 | | 0 0 0 | | | | 1 1 1 | 54.- | |
| 0 0 0 | | | | 0 0 0 | 45.- | 1 1 1 | 0 1 1 | |
| | | 0 0 0 | 36.- | 0 0 0 | 1 0 1 | 1 1 1 | 0 1 1 | |
| 1 1 1 | 27.- | 0 0 0 | 0 0 1 | 0 0 0 | 1 0 1 | | 0 0 0 | |
| 1 1 1 | 1 1 0 | 0 0 0 | 0 0 1 | | 0 0 0 | | | |
| 1 1 1 | 1 1 0 | | 0 0 0 | | | | 0 1 1 | |
| | 0 0 0 | | | | 1 0 1 | 50.- | 0 1 1 | |
| | | | 0 0 0 | 41.- | 1 0 1 | 0 1 0 | 0 0 0 | |
| | 1 1 0 | 32.- | 0 0 0 | 1 0 0 | 0 0 0 | 0 1 1 | | |
| 23.- | 1 1 0 | 0 0 0 | 0 0 0 | 1 0 1 | | 0 0 0 | | |
| 1 1 1 | 0 0 0 | 0 0 1 | | 0 0 0 | | | | |
| 0 1 0 | | 0 0 0 | | | | 1 1 1 | 55.- | |
| 0 0 0 | | | | 1 1 1 | 46.- | 1 1 1 | 1 1 1 | |
| | | 0 0 0 | 37.- | 1 1 1 | 0 1 1 | 1 1 1 | 0 1 1 | |

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|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 0 0 | | | | 1 1 1 | 78.- | 1 1 1 | 1 1 1 |
| | | 0 0 0 | 69.- | 1 1 1 | 0 1 1 | 1 1 1 | 0 1 0 |
| 0 0 0 | 60.- | 0 0 0 | 1 0 1 | 1 1 1 | 1 0 0 | | 1 0 0 |
| 0 0 0 | 0 0 1 | 0 0 0 | 0 0 0 | | 1 0 0 | | |
| 0 0 0 | 1 1 1 | | 1 0 0 | | | | 0 0 0 |
| | 0 0 0 | | | | 0 1 1 | 83.- | 0 0 0 |
| | | | 1 1 1 | 74.- | 1 0 0 | 1 1 0 | 0 0 0 |
| | 0 0 1 | 65.- | 1 1 1 | 0 1 0 | 1 0 0 | 0 1 0 | |
| 56.- | 1 1 1 | 1 0 0 | 1 1 1 | 1 0 0 | | 1 0 0 | |
| 0 0 0 | 0 0 0 | 0 0 0 | | 1 0 0 | | | |
| 1 1 1 | | 1 0 0 | | | | 1 1 0 | 88.- |
| 0 0 0 | | | | 1 1 1 | 79.- | 0 1 0 | 0 0 0 |
| | | 0 0 0 | 70.- | 1 1 1 | 1 1 1 | 1 0 0 | 1 1 0 |
| 1 1 1 | 61.- | 0 0 0 | 0 1 1 | 1 1 1 | 1 0 0 | | 1 0 0 |
| 1 1 1 | 1 0 1 | 0 0 0 | 0 0 0 | | 1 0 0 | | |
| 1 1 1 | 1 1 1 | | 1 0 0 | | | | 1 1 1 |
| | 0 0 0 | | | | 0 0 0 | 84.- | 1 1 1 |
| | | | 1 1 1 | 75.- | 0 0 0 | 0 0 1 | 1 1 1 |
| | 0 0 0 | 66.- | 1 1 1 | 1 1 0 | 0 0 0 | 0 1 0 | |
| 57.- | 0 0 0 | 0 1 0 | 1 1 1 | 1 0 0 | | 1 0 0 | |
| 1 0 0 | 0 0 0 | 0 0 0 | | 1 0 0 | | | |
| 1 1 1 | | 1 0 0 | | | | 1 1 1 | 89.- |
| 0 0 0 | | | | 1 1 0 | 80.- | 1 1 1 | 1 0 0 |
| | | 0 0 0 | 71.- | 1 0 0 | 0 0 0 | 1 1 1 | 1 1 0 |
| 1 0 0 | 62.- | 0 0 0 | 1 1 1 | 1 0 0 | 0 1 0 | | 1 0 0 |
| 1 1 1 | 0 1 1 | 0 0 0 | 0 0 0 | | 1 0 0 | | |
| 0 0 0 | 1 1 1 | | 1 0 0 | | | | 1 0 0 |
| | 0 0 0 | | | | 0 0 0 | 85.- | 1 1 0 |
| | | | 1 1 1 | 76.- | 0 0 0 | 1 0 1 | 1 0 0 |
| | 0 0 0 | 67.- | 0 0 0 | 0 0 1 | 0 0 0 | 0 1 0 | |
| 58.- | 0 0 0 | 1 1 0 | 1 0 0 | 1 0 0 | | 1 0 0 | |
| 0 1 0 | 0 0 0 | 0 0 0 | | 1 0 0 | | | |
| 1 1 1 | | 1 0 0 | | | | 1 0 1 | 90.- |
| 0 0 0 | | | | 1 1 1 | 81.- | 0 1 0 | 0 1 0 |
| | | 1 1 1 | 72.- | 1 1 1 | 1 0 0 | 1 0 0 | 1 1 0 |
| 0 1 0 | 63.- | 1 1 1 | 0 0 0 | 1 1 1 | 0 1 0 | | 1 0 0 |
| 1 1 1 | 1 1 1 | 1 1 1 | 1 0 0 | | 1 0 0 | | |
| 0 0 0 | 1 1 1 | | 1 0 0 | | | | 0 1 0 |
| | 0 0 0 | | | | 1 1 1 | 86.- | 1 1 0 |
| | | | 0 0 0 | 77.- | 1 1 1 | 0 1 1 | 1 0 0 |
| | 0 0 0 | 68.- | 0 0 0 | 1 0 1 | 1 1 1 | 0 1 0 | |
| 59.- | 0 0 0 | 0 0 1 | 0 0 0 | 1 0 0 | | 1 0 0 | |
| 1 1 0 | 0 0 0 | 0 0 0 | | 1 0 0 | | | |
| 1 1 1 | | 1 0 0 | | | | 0 1 1 | 91.- |
| 0 0 0 | | | | 1 0 1 | 82.- | 0 1 0 | 1 1 0 |
| | | 0 0 0 | 73.- | 1 0 0 | 0 1 0 | 1 0 0 | 1 1 0 |
| 0 0 0 | 64.- | 0 0 0 | 1 0 0 | 1 0 0 | 0 1 0 | | 1 0 0 |
| 0 0 0 | 0 0 0 | 0 0 0 | 1 0 0 | | 1 0 0 | | |
| 0 0 0 | 0 0 0 | | 1 0 0 | | | | 0 0 0 |
| | 1 0 0 | | | | 1 1 1 | 87.- | 0 0 0 |

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|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 0 0 | 0 0 1 | | 1 0 0 | | | | 0 0 0 |
| | 1 0 0 | | | | 0 1 0 | 119.- | 0 0 0 |
| | | | 1 0 0 | 110.- | 0 1 1 | 1 1 1 | 0 0 0 |
| | 0 0 0 | 101.- | 1 0 1 | 0 1 1 | 1 0 0 | 0 1 1 | |
| 92.- | 0 0 0 | 1 0 1 | 1 0 0 | 1 0 1 | | 1 0 0 | |
| 0 0 1 | 0 0 0 | 0 0 1 | | 1 0 0 | | | |
| 1 1 0 | | 1 0 0 | | | | 0 0 0 | 124.- |
| 1 0 0 | | | | 0 0 0 | 115.- | 0 0 0 | 0 0 1 |
| | | 1 0 1 | 106.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 1 1 |
| 0 0 1 | 97.- | 0 0 1 | 0 1 0 | 0 0 0 | 0 1 1 | | 1 0 0 |
| 1 1 0 | 1 0 0 | 1 0 0 | 1 0 1 | | 1 0 0 | | |
| 1 0 0 | 0 0 1 | | 1 0 0 | | | | 0 0 0 |
| | 1 0 0 | | | | 0 0 0 | 120.- | 0 0 0 |
| | | | 0 1 0 | 111.- | 0 0 0 | 0 0 0 | 0 0 0 |
| | 1 1 1 | 102.- | 1 0 1 | 1 1 1 | 0 0 0 | 1 1 1 | |
| 93.- | 1 1 1 | 0 1 1 | 1 0 0 | 1 0 1 | | 1 0 0 | |
| 1 0 1 | 1 1 1 | 0 0 1 | | 1 0 0 | | | |
| 1 1 0 | | 1 0 0 | | | | 0 0 0 | 125.- |
| 1 0 0 | | | | 0 0 0 | 116.- | 1 1 1 | 1 0 1 |
| | | 0 1 1 | 107.- | 0 0 0 | 0 0 1 | 1 0 0 | 1 1 1 |
| 0 0 0 | 98.- | 0 0 1 | 1 1 0 | 0 0 0 | 0 1 1 | | 1 0 0 |
| 0 0 0 | 0 1 0 | 1 0 0 | 1 0 1 | | 1 0 0 | | |
| 0 0 0 | 0 0 1 | | 1 0 0 | | | | 0 0 0 |
| | 1 0 0 | | | | 0 0 1 | 121.- | 0 0 0 |
| | | | 0 0 0 | 112.- | 0 1 1 | 1 0 0 | 0 0 0 |
| | 1 1 1 | 103.- | 0 0 0 | 0 0 0 | 1 0 0 | 1 1 1 | |
| 94.- | 1 1 1 | 1 1 1 | 0 0 0 | 0 1 1 | | 1 0 0 | |
| 0 1 1 | 1 1 1 | 0 0 1 | | 1 0 0 | | | |
| 1 1 0 | | 1 0 0 | | | | 0 0 0 | 126.- |
| 1 0 0 | | | | 1 1 1 | 117.- | 0 0 0 | 0 1 1 |
| | | 0 0 0 | 108.- | 1 1 1 | 1 0 1 | 0 0 0 | 1 1 1 |
| 0 0 0 | 99.- | 0 0 0 | 0 0 1 | 1 1 1 | 0 1 1 | | 1 0 0 |
| 0 0 0 | 1 1 0 | 0 0 0 | 1 0 1 | | 1 0 0 | | |
| 0 0 0 | 0 0 1 | | 1 0 0 | | | | 0 0 0 |
| | 1 0 0 | | | | 0 0 0 | 122.- | 0 0 0 |
| | | | 0 0 1 | 113.- | 0 0 0 | 0 1 0 | 0 0 0 |
| | 1 1 0 | 104.- | 1 0 1 | 1 0 0 | 0 0 0 | 1 1 1 | |
| 95.- | 0 0 1 | 0 0 0 | 1 0 0 | 0 1 1 | | 1 0 0 | |
| 1 1 1 | 1 0 0 | 1 0 1 | | 1 0 0 | | | |
| 1 1 0 | | 1 0 0 | | | | 0 0 0 | 127.- |
| 1 0 0 | | | | 1 0 0 | 118.- | 0 0 0 | 1 1 1 |
| | | 1 1 1 | 109.- | 0 1 1 | 0 1 1 | 0 0 0 | 1 1 1 |
| 0 0 0 | 100.- | 1 1 1 | 1 0 1 | 1 0 0 | 0 1 1 | | 1 0 0 |
| 0 0 0 | 0 0 1 | 1 1 1 | 1 0 1 | | 1 0 0 | | |
| 0 0 0 | 0 0 1 | | 1 0 0 | | | | 0 0 0 |
| | 1 0 0 | | | | 0 0 0 | 123.- | 0 0 0 |
| | | | 0 0 0 | 114.- | 0 0 0 | 1 1 0 | 0 0 0 |
| | 1 1 1 | 105.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 1 1 | |
| 96.- | 1 1 1 | 1 0 0 | 0 0 0 | 0 1 1 | | 1 0 0 | |
| 0 0 0 | 1 1 1 | 1 0 1 | | 1 0 0 | | | |

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|-------|-------|-------|-------|-------|-------|-------|-------|
| 128.- | 0 0 0 | 1 0 0 | 0 1 0 | 0 1 0 | | 0 1 0 | |
| 0 0 0 | 0 0 0 | 1 0 0 | | 0 1 0 | | | |
| 0 0 0 | | 0 1 0 | | | | 0 0 0 | 160.- |
| 0 1 0 | | | | 1 1 1 | 151.- | 0 0 0 | 0 0 0 |
| | | 1 1 1 | 142.- | 1 1 1 | 1 1 1 | 0 0 0 | 0 0 1 |
| 0 0 0 | 133.- | 1 1 1 | 0 1 1 | 1 1 1 | 0 1 0 | | 0 1 0 |
| 0 0 0 | 1 0 1 | 1 1 1 | 1 0 0 | | 0 1 0 | | |
| 0 0 0 | 0 0 0 | | 0 1 0 | | | | 0 0 0 |
| | 0 1 0 | | | | 0 0 0 | 156.- | 0 0 0 |
| | | | 0 1 1 | 147.- | 0 0 0 | 0 0 1 | 0 0 0 |
| | 1 1 1 | 138.- | 1 0 0 | 1 1 0 | 0 0 0 | 1 1 0 | |
| 129.- | 1 1 1 | 0 1 0 | 0 1 0 | 0 1 0 | | 0 1 0 | |
| 1 0 0 | 1 1 1 | 1 0 0 | | 0 1 0 | | | |
| 0 0 0 | | 0 1 0 | | | | 0 0 1 | 161.- |
| 0 1 0 | | | | 1 1 0 | 152.- | 1 1 0 | 1 0 0 |
| | | 1 1 1 | 143.- | 0 1 0 | 0 0 0 | 0 1 0 | 0 0 1 |
| 0 0 0 | 134.- | 1 1 1 | 1 1 1 | 0 1 0 | 1 1 0 | | 0 1 0 |
| 0 0 0 | 0 1 1 | 1 1 1 | 1 0 0 | | 0 1 0 | | |
| 0 0 0 | 0 0 0 | | 0 1 0 | | | | 1 1 1 |
| | 0 1 0 | | | | 1 1 1 | 157.- | 1 1 1 |
| | | | 0 0 0 | 148.- | 1 1 1 | 1 0 1 | 1 1 1 |
| | 1 1 1 | 139.- | 0 0 0 | 0 0 1 | 1 1 1 | 1 1 0 | |
| 130.- | 1 1 1 | 1 1 0 | 0 0 0 | 0 1 0 | | 0 1 0 | |
| 0 1 0 | 1 1 1 | 1 0 0 | | 0 1 0 | | | |
| 0 0 0 | | 0 1 0 | | | | 0 0 0 | 162.- |
| 0 1 0 | | | | 1 1 1 | 153.- | 0 0 0 | 0 1 0 |
| | | 1 1 0 | 144.- | 1 1 1 | 1 0 0 | 0 0 0 | 0 0 1 |
| 0 0 0 | 135.- | 1 0 0 | 0 0 0 | 1 1 1 | 1 1 0 | | 0 1 0 |
| 0 0 0 | 1 1 1 | 0 1 0 | 0 1 0 | | 0 1 0 | | |
| 0 0 0 | 0 0 0 | | 0 1 0 | | | | 1 1 1 |
| | 0 1 0 | | | | 1 0 0 | 158.- | 1 1 1 |
| | | | 0 0 0 | 149.- | 1 1 0 | 0 1 1 | 1 1 1 |
| | 1 1 1 | 140.- | 0 0 0 | 1 0 1 | 0 1 0 | 1 1 0 | |
| 131.- | 0 0 0 | 0 0 1 | 0 0 0 | 0 1 0 | | 0 1 0 | |
| 1 1 0 | 0 1 0 | 1 0 0 | | 0 1 0 | | | |
| 0 0 0 | | 0 1 0 | | | | 0 0 0 | 163.- |
| 0 1 0 | | | | 1 0 1 | 154.- | 0 0 0 | 1 1 0 |
| | | 1 1 1 | 145.- | 0 1 0 | 0 1 0 | 0 0 0 | 0 0 1 |
| 1 1 1 | 136.- | 1 1 1 | 1 0 0 | 0 1 0 | 1 1 0 | | 0 1 0 |
| 1 1 1 | 0 0 0 | 1 1 1 | 0 1 0 | | 0 1 0 | | |
| 1 1 1 | 1 0 0 | | 0 1 0 | | | | 1 1 0 |
| | 0 1 0 | | | | 0 1 0 | 159.- | 0 0 1 |
| | | | 1 1 1 | 150.- | 1 1 0 | 1 1 1 | 0 1 0 |
| | 0 0 0 | 141.- | 1 1 1 | 0 1 1 | 0 1 0 | 1 1 0 | |
| 132.- | 0 0 0 | 1 0 1 | 1 1 1 | 0 1 0 | | 0 1 0 | |
| 0 0 1 | 0 0 0 | 1 0 0 | | 0 1 0 | | | |
| 0 0 0 | | 0 1 0 | | | | 0 0 0 | 164.- |
| 0 1 0 | | | | 0 1 1 | 155.- | 0 0 0 | 0 0 1 |
| | | 1 0 1 | 146.- | 0 1 0 | 1 1 0 | 0 0 0 | 0 0 1 |
| 0 0 0 | 137.- | 1 0 0 | 0 1 0 | 0 1 0 | 1 1 0 | | 0 1 0 |

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|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 0 0 0 | 178.- | 0 0 0 | 1 1 0 | 0 0 0 | 0 0 0 |
| 1 1 1 | 169.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 1 1 | | 1 1 0 |
| 1 1 1 | 1 0 0 | 0 0 0 | 0 1 1 | | 0 1 0 | | |
| 1 1 1 | 1 0 1 | | 0 1 0 | | | | 1 1 1 |
| | 0 1 0 | | | | 0 0 0 | 192.- | 1 1 1 |
| | | | 0 1 0 | 183.- | 0 0 0 | 0 0 0 | 1 1 1 |
| | 1 0 0 | 174.- | 0 1 1 | 1 1 1 | 0 0 0 | 0 0 0 | |
| 165.- | 1 0 1 | 0 1 1 | 0 1 0 | 0 1 1 | | 1 1 0 | |
| 1 0 1 | 0 1 0 | 1 0 1 | | 0 1 0 | | | |
| 0 0 1 | | 0 1 0 | | | | 0 0 0 | 197.- |
| 0 1 0 | | | | 0 0 0 | 188.- | 0 0 0 | 1 0 1 |
| | | 0 0 0 | 179.- | 0 0 0 | 0 0 1 | 0 0 0 | 0 0 0 |
| 1 0 1 | 170.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 1 1 | | 1 1 0 |
| 0 0 1 | 0 1 0 | 0 0 0 | 0 1 1 | | 0 1 0 | | |
| 0 1 0 | 1 0 1 | | 0 1 0 | | | | 1 0 1 |
| | 0 1 0 | | | | 0 0 0 | 193.- | 0 0 0 |
| | | | 0 0 0 | 184.- | 0 0 0 | 1 0 0 | 1 1 0 |
| | 0 1 0 | 175.- | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | |
| 166.- | 1 0 1 | 1 1 1 | 0 0 0 | 1 1 1 | | 1 1 0 | |
| 0 1 1 | 0 1 0 | 1 0 1 | | 0 1 0 | | | |
| 0 0 1 | | 0 1 0 | | | | 1 1 1 | 198.- |
| 0 1 0 | | | | 0 0 0 | 189.- | 1 1 1 | 0 1 1 |
| | | 0 0 0 | 180.- | 1 1 1 | 1 0 1 | 1 1 1 | 0 0 0 |
| 0 1 1 | 171.- | 0 0 0 | 0 0 1 | 0 1 0 | 1 1 1 | | 1 1 0 |
| 0 0 1 | 1 1 0 | 0 0 0 | 0 1 1 | | 0 1 0 | | |
| 0 1 0 | 1 0 1 | | 0 1 0 | | | | 0 1 1 |
| | 0 1 0 | | | | 0 0 0 | 194.- | 0 0 0 |
| | | | 0 0 1 | 185.- | 0 0 0 | 0 1 0 | 1 1 0 |
| | 0 0 0 | 176.- | 0 1 1 | 1 0 0 | 0 0 0 | 0 0 0 | |
| 167.- | 0 0 0 | 0 0 0 | 0 1 0 | 1 1 1 | | 1 1 0 | |
| 1 1 1 | 0 0 0 | 0 1 1 | | 0 1 0 | | | |
| 0 0 1 | | 0 1 0 | | | | 1 1 1 | 199.- |
| 0 1 0 | | | | 0 0 0 | 190.- | 1 1 1 | 1 1 1 |
| | | 1 1 1 | 181.- | 0 0 0 | 0 1 1 | 1 1 1 | 0 0 0 |
| 0 0 0 | 172.- | 1 1 1 | 1 0 1 | 0 0 0 | 1 1 1 | | 1 1 0 |
| 0 0 0 | 0 0 1 | 1 1 1 | 0 1 1 | | 0 1 0 | | |
| 0 0 0 | 1 0 1 | | 0 1 0 | | | | 0 0 0 |
| | 0 1 0 | | | | 0 0 0 | 195.- | 0 0 0 |
| | | | 0 0 0 | 186.- | 0 0 0 | 1 1 0 | 0 0 0 |
| | 0 0 1 | 177.- | 0 0 0 | 0 1 0 | 0 0 0 | 0 0 0 | |
| 168.- | 1 0 1 | 1 0 0 | 0 0 0 | 1 1 1 | | 1 1 0 | |
| 0 0 0 | 0 1 0 | 0 1 1 | | 0 1 0 | | | |
| 1 0 1 | | 0 1 0 | | | | 1 1 0 | 200.- |
| 0 1 0 | | | | 0 0 0 | 191.- | 0 0 0 | 0 0 0 |
| | | 1 0 0 | 182.- | 0 0 0 | 1 1 1 | 1 1 0 | 1 0 0 |
| 1 1 1 | 173.- | 0 1 1 | 0 1 1 | 0 0 0 | 1 1 1 | | 1 1 0 |
| 1 1 1 | 1 0 1 | 0 1 0 | 0 1 1 | | 0 1 0 | | |
| 1 1 1 | 1 0 1 | | 0 1 0 | | | | 1 1 1 |
| | 0 1 0 | | | | 0 0 0 | 196.- | 1 1 1 |
| | | | 0 0 0 | 187.- | 0 0 0 | 0 0 1 | 1 1 1 |

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|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 1 1 0 | | | 0 0 0 | 228.- | 1 0 1 |
| | | | 0 0 0 | 219.- | 0 0 0 | 0 0 1 | 1 1 0 |
| | | 0 0 0 | 210.- | 0 0 0 | 1 1 0 | 0 0 0 | 0 0 1 |
| 201.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 1 0 | | 1 1 0 | |
| 1 0 0 | 0 0 0 | 0 1 0 | | 1 1 0 | | | |
| 1 0 0 | | 1 1 0 | | | | 0 0 1 | 233.- |
| 1 1 0 | | | | 0 0 0 | 224.- | 0 0 1 | 1 0 0 |
| | | 0 1 0 | 215.- | 0 0 0 | 0 0 0 | 1 1 0 | 1 0 1 |
| 1 0 0 | 206.- | 0 1 0 | 1 1 1 | 0 0 0 | 0 0 1 | | 1 1 0 |
| 1 0 0 | 0 1 1 | 1 1 0 | 0 1 0 | | 1 1 0 | | |
| 1 1 0 | 1 0 0 | | 1 1 0 | | | | 0 0 0 |
| | 1 1 0 | | | | 1 1 1 | 229.- | 0 0 0 |
| | | | 0 0 0 | 220.- | 1 1 1 | 1 0 1 | 0 0 0 |
| | 0 0 0 | 211.- | 0 0 0 | 0 0 1 | 1 1 1 | 0 0 1 | |
| 202.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 1 0 | | 1 1 0 | |
| 0 1 0 | 0 0 0 | 0 1 0 | | 1 1 0 | | | |
| 1 0 0 | | 1 1 0 | | | | 0 0 0 | 234.- |
| 1 1 0 | | | | 0 0 0 | 225.- | 0 0 0 | 0 1 0 |
| | | 0 0 0 | 216.- | 0 0 0 | 1 0 0 | 0 0 0 | 1 0 1 |
| 0 1 0 | 207.- | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 1 | | 1 1 0 |
| 1 0 0 | 1 1 1 | 0 0 0 | 1 1 0 | | 1 1 0 | | |
| 1 1 0 | 1 0 0 | | 1 1 0 | | | | 0 0 0 |
| | 1 1 0 | | | | 1 0 0 | 230.- | 0 0 0 |
| | | | 0 0 0 | 221.- | 0 0 1 | 0 1 1 | 0 0 0 |
| | 0 0 0 | 212.- | 1 1 0 | 1 0 1 | 1 1 0 | 0 0 1 | |
| 203.- | 0 0 0 | 0 0 1 | 1 1 0 | 1 1 0 | | 1 1 0 | |
| 1 1 0 | 0 0 0 | 0 1 0 | | 1 1 0 | | | |
| 1 0 0 | | 1 1 0 | | | | 0 0 0 | 235.- |
| 1 1 0 | | | | 0 0 0 | 226.- | 0 0 0 | 1 1 0 |
| | | 0 0 1 | 217.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 0 1 |
| 0 0 0 | 208.- | 0 1 0 | 1 0 0 | 0 0 0 | 0 0 1 | | 1 1 0 |
| 0 0 0 | 0 0 0 | 1 1 0 | 1 1 0 | | 1 1 0 | | |
| 0 0 0 | 0 1 0 | | 1 1 0 | | | | 0 0 0 |
| | 1 1 0 | | | | 0 1 0 | 231.- | 0 0 0 |
| | | | 0 0 0 | 222.- | 0 0 1 | 1 1 1 | 0 0 0 |
| | 1 1 1 | 213.- | 0 0 0 | 0 1 1 | 1 1 0 | 0 0 1 | |
| 204.- | 1 1 1 | 1 0 1 | 0 0 0 | 1 1 0 | | 1 1 0 | |
| 0 0 1 | 1 1 1 | 0 1 0 | | 1 1 0 | | | |
| 1 0 0 | | 1 1 0 | | | | 0 0 0 | 236.- |
| 1 1 0 | | | | 0 0 0 | 227.- | 0 0 0 | 0 0 1 |
| | | 0 0 0 | 218.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 0 1 |
| 0 0 1 | 209.- | 0 0 0 | 0 1 0 | 0 0 0 | 0 0 1 | | 1 1 0 |
| 1 0 0 | 1 0 0 | 0 0 0 | 1 1 0 | | 1 1 0 | | |
| 1 1 0 | 0 1 0 | | 1 1 0 | | | | 0 0 0 |
| | 1 1 0 | | | | 0 0 0 | 232.- | 0 0 0 |
| | | | 0 0 0 | 223.- | 0 0 0 | 0 0 0 | 0 0 0 |
| | 1 0 0 | 214.- | 0 0 0 | 1 1 1 | 0 0 0 | 1 0 1 | |
| 205.- | 0 1 0 | 0 1 1 | 0 0 0 | 1 1 0 | | 1 1 0 | |
| 1 0 1 | 1 1 0 | 0 1 0 | | 1 1 0 | | | |
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| 1 1 1 | 278.- | 1 1 0 | 1 1 1 | 0 0 1 | 1 0 1 | | 0 0 1 |
| 1 1 1 | 0 1 1 | 0 0 1 | 1 1 0 | | 0 0 1 | | |
| 1 1 1 | 0 1 0 | | 0 0 1 | | | | 1 0 0 |
| | 0 0 1 | | | | 1 1 1 | 301.- | 0 1 1 |
| | | | 0 0 0 | 292.- | 1 1 1 | 1 0 1 | 0 0 1 |
| | 0 1 1 | 283.- | 0 0 0 | 0 0 1 | 1 1 1 | 1 0 1 | |
| 274.- | 0 1 0 | 1 1 0 | 0 0 0 | 0 0 1 | | 0 0 1 | |
| 0 1 0 | 0 0 1 | 1 1 0 | | 0 0 1 | | | |
| 0 1 0 | | 0 0 1 | | | | 0 0 0 | 306.- |
| 0 0 1 | | | | 1 1 1 | 297.- | 0 0 0 | 0 1 0 |
| | | 0 0 0 | 288.- | 1 1 1 | 1 0 0 | 0 0 0 | 0 1 1 |
| 1 1 1 | 279.- | 0 0 0 | 0 0 0 | 1 1 1 | 1 0 1 | | 0 0 1 |
| 1 1 1 | 1 1 1 | 0 0 0 | 0 0 1 | | 0 0 1 | | |
| 1 1 1 | 0 1 0 | | 0 0 1 | | | | 0 1 0 |
| | 0 0 1 | | | | 1 0 0 | 302.- | 0 1 1 |
| | | | 0 0 0 | 293.- | 1 0 1 | 0 1 1 | 0 0 1 |
| | 0 0 0 | 284.- | 0 0 0 | 1 0 1 | 0 0 1 | 1 0 1 | |
| 275.- | 0 0 0 | 0 0 1 | 0 0 0 | 0 0 1 | | 0 0 1 | |
| 1 1 0 | 0 0 0 | 1 1 0 | | 0 0 1 | | | |
| 0 1 0 | | 0 0 1 | | | | 0 0 0 | 307.- |
| 0 0 1 | | | | 1 0 1 | 298.- | 0 0 0 | 1 1 0 |
| | | 0 0 1 | 289.- | 0 0 1 | 0 1 0 | 0 0 0 | 0 1 1 |
| 1 1 0 | 280.- | 1 1 0 | 1 0 0 | 0 0 1 | 1 0 1 | | 0 0 1 |
| 0 1 0 | 0 0 0 | 0 0 1 | 0 0 1 | | 0 0 1 | | |
| 0 0 1 | 1 1 0 | | 0 0 1 | | | | 0 0 0 |
| | 0 0 1 | | | | 0 1 0 | 303.- | 0 0 0 |
| | | | 1 1 1 | 294.- | 1 0 1 | 1 1 1 | 0 0 0 |
| | 1 1 1 | 285.- | 1 1 1 | 0 1 1 | 0 0 1 | 1 0 1 | |
| 276.- | 1 1 1 | 1 0 1 | 1 1 1 | 0 0 1 | | 0 0 1 | |
| 0 0 1 | 1 1 1 | 1 1 0 | | 0 0 1 | | | |
| 0 1 0 | | 0 0 1 | | | | 0 0 0 | 308.- |
| 0 0 1 | | | | 0 1 1 | 299.- | 0 0 0 | 0 0 1 |
| | | 0 0 0 | 290.- | 0 0 1 | 1 1 0 | 0 0 0 | 0 1 1 |
| 1 1 1 | 281.- | 0 0 0 | 0 1 0 | 0 0 1 | 1 0 1 | | 0 0 1 |
| 1 1 1 | 1 0 0 | 0 0 0 | 0 0 1 | | 0 0 1 | | |
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| | 0 0 1 | | | | 0 0 0 | 304.- | 0 1 1 |
| | | | 1 1 1 | 295.- | 0 0 0 | 0 0 0 | 0 0 1 |
| | 1 0 0 | 286.- | 1 1 1 | 1 1 1 | 0 0 0 | 0 1 1 | |
| 277.- | 1 1 0 | 0 1 1 | 1 1 1 | 0 0 1 | | 0 0 1 | |
| 1 0 1 | 0 0 1 | 1 1 0 | | 0 0 1 | | | |
| 0 1 0 | | 0 0 1 | | | | 1 1 1 | 309.- |
| 0 0 1 | | | | 0 0 0 | 300.- | 1 1 1 | 1 0 1 |
| | | 0 0 0 | 291.- | 0 0 0 | 0 0 1 | 1 1 1 | 0 1 1 |
| 1 0 1 | 282.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 0 1 | | 0 0 1 |
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| | | | 1 1 0 | 328.- | 1 0 0 | 1 0 0 | 0 0 0 |
| | 0 0 0 | 319.- | 0 0 0 | 0 0 0 | 1 0 1 | 0 1 0 | |
| 310.- | 0 0 0 | 1 1 1 | 1 0 1 | 1 0 0 | | 1 0 1 | |
| 0 1 1 | 0 0 0 | 1 1 1 | | 1 0 1 | | | |
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| 0 0 1 | | | | 1 1 1 | 333.- | 1 0 0 | 342.- |
| | | 0 0 0 | 324.- | 1 1 1 | 1 0 1 | 0 1 0 | 0 1 1 |
| 0 0 0 | 315.- | 0 0 0 | 0 0 1 | 1 1 1 | 1 0 0 | 1 0 1 | 0 1 0 |
| 0 0 0 | 1 1 0 | 0 0 0 | 0 0 0 | | 1 0 1 | | 1 0 1 |
| 0 0 0 | 1 1 1 | | 1 0 1 | | | | |
| | 0 0 1 | | | | | | 0 0 0 |
| | | | 1 1 1 | 329.- | 0 0 0 | 338.- | 0 0 0 |
| | 0 0 0 | 320.- | 1 1 1 | 1 0 0 | 0 0 0 | 0 1 0 | 0 0 0 |
| 311.- | 0 0 0 | 0 0 0 | 1 1 1 | 1 0 0 | | 0 1 0 | |
| 1 1 1 | 0 0 0 | 0 0 0 | | 1 0 1 | | | |
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| 0 0 1 | | | | 1 0 0 | 334.- | 0 1 0 | 343.- |
| | | 0 0 0 | 325.- | 1 0 0 | 0 1 1 | 0 1 0 | 1 1 1 |
| 0 0 0 | 316.- | 0 0 0 | 1 0 1 | 1 0 1 | 1 0 0 | 1 0 1 | 0 1 0 |
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| | | | 1 0 1 | 330.- | 0 0 0 | 339.- | 0 0 0 |
| | 0 0 0 | 321.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 1 0 | 0 0 0 |
| 312.- | 0 0 0 | 1 0 0 | 1 0 1 | 1 0 0 | | 0 1 0 | |
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| | 0 0 0 | 322.- | 0 0 0 | 1 1 0 | 0 0 0 | 0 0 1 | 1 0 1 |
| 313.- | 0 0 0 | 0 1 0 | 1 0 1 | 1 0 0 | | 0 1 0 | |
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| | | 1 1 1 | 327.- | 0 0 0 | 0 0 0 | 0 1 0 | 1 0 0 |
| 0 0 0 | 318.- | 1 1 1 | 1 1 1 | 0 0 0 | 0 1 0 | 1 0 1 | 1 1 0 |
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| | 0 0 0 | 323.- | 0 0 0 | 0 0 1 | 1 1 1 | 1 0 1 | 0 0 0 |
| 314.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 0 0 | | 0 1 0 | |
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| 1 1 0 | | 1 0 1 | | | | 0 0 0 | 378.- |
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| | | 0 0 0 | 360.- | 0 0 0 | 1 0 0 | 0 0 0 | 1 1 1 |
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| | | | 0 0 0 | 365.- | 0 0 0 | 0 1 1 | 0 0 0 |
| | 0 0 0 | 356.- | 1 0 1 | 1 0 1 | 0 0 0 | 0 1 1 | |
| 347.- | 0 0 0 | 0 0 1 | 1 0 1 | 1 0 1 | | 1 0 1 | |
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| 1 0 1 | | | | 0 0 0 | 370.- | 0 0 0 | 1 1 0 |
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| | | | 0 0 0 | 366.- | 0 0 0 | 1 1 1 | 0 0 0 |
| | 1 1 1 | 357.- | 0 0 0 | 0 1 1 | 0 0 0 | 0 1 1 | |
| 348.- | 1 1 1 | 1 0 1 | 0 0 0 | 1 0 1 | | 1 0 1 | |
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| 1 0 1 | | | | 0 0 0 | 371.- | 0 0 0 | 0 0 1 |
| | | 0 0 0 | 362.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 1 1 |
| 0 0 0 | 353.- | 0 0 0 | 0 1 0 | 0 0 0 | 0 1 1 | | 1 0 1 |
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| | 1 0 0 | 358.- | 0 0 0 | 1 1 1 | 0 0 0 | 1 1 1 | |
| 349.- | 0 0 1 | 0 1 1 | 0 0 0 | 1 0 1 | | 1 0 1 | |
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| | | 0 0 0 | 363.- | 0 0 0 | 0 0 1 | 0 0 0 | 1 1 1 |
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| | | | 0 0 0 | 368.- | 0 0 0 | 1 0 0 | 0 0 0 |
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| 350.- | 0 0 1 | 1 1 1 | 0 0 0 | 0 1 1 | | 1 0 1 | |
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| | | 0 0 0 | 364.- | 0 1 1 | 1 0 1 | 0 0 0 | 1 1 1 |
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| | 0 1 1 | | | | 0 0 0 | 410.- | 0 0 0 |
| | | | 0 0 1 | 401.- | 0 0 0 | 0 1 0 | 0 0 0 |
| | 1 1 0 | 392.- | 1 0 0 | 1 0 0 | 0 0 0 | 1 1 0 | |
| 383.- | 0 0 0 | 0 0 0 | 0 1 1 | 0 1 0 | | 0 1 1 | |
| 1 1 1 | 0 1 1 | 1 0 0 | | 0 1 1 | | | |
| 1 1 1 | | 0 1 1 | | | | 0 0 0 | 415.- |
| 1 0 1 | | | | 1 0 0 | 406.- | 0 0 0 | 1 1 1 |
| | | 1 1 1 | 397.- | 0 1 0 | 0 1 1 | 0 0 0 | 1 1 0 |
| 0 0 0 | 388.- | 1 1 1 | 1 0 1 | 0 1 1 | 0 1 0 | | 0 1 1 |
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| | 0 1 1 | | | | 0 0 0 | 411.- | 0 0 0 |
| | | | 0 0 0 | 402.- | 0 0 0 | 1 1 0 | 0 0 0 |
| | 1 1 1 | 393.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 1 0 | |
| 384.- | 1 1 1 | 1 0 0 | 0 0 0 | 0 1 0 | | 0 1 1 | |
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| 0 1 1 | | | | 0 1 0 | 407.- | 0 0 0 | 0 0 0 |
| | | 1 0 0 | 398.- | 0 1 0 | 1 1 1 | 0 0 0 | 0 0 1 |
| 0 0 0 | 389.- | 1 0 0 | 0 1 1 | 0 1 1 | 0 1 0 | | 0 1 1 |
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| | | | 0 0 0 | 403.- | 0 0 0 | 0 0 1 | 1 1 1 |
| | 1 0 1 | 394.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 1 0 | |
| 385.- | 0 0 0 | 0 1 0 | 0 0 0 | 0 1 0 | | 0 1 1 | |
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| 0 1 1 | | | | 0 0 0 | 408.- | 0 0 0 | 1 0 0 |
| | | 0 1 0 | 399.- | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 1 |
| 1 1 1 | 390.- | 1 0 0 | 1 1 1 | 0 0 0 | 1 1 0 | | 0 1 1 |
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| | | | 0 0 0 | 404.- | 1 1 0 | 1 0 1 | 0 1 1 |
| | 0 1 1 | 395.- | 0 0 0 | 0 0 1 | 0 1 1 | 1 1 0 | |
| 386.- | 0 0 0 | 1 1 0 | 0 0 0 | 0 1 0 | | 0 1 1 | |
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| 0 0 0 | | 0 1 1 | | | | 0 0 0 | 418.- |
| 0 1 1 | | | | 0 0 1 | 409.- | 0 0 0 | 0 1 0 |
| | | 0 0 0 | 400.- | 0 1 0 | 1 0 0 | 0 0 0 | 0 0 1 |
| 1 1 1 | 391.- | 0 0 0 | 0 0 0 | 0 1 1 | 1 1 0 | | 0 1 1 |
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| | 0 0 0 | 396.- | 1 1 1 | 1 0 1 | 0 0 0 | 1 1 0 | |
| 387.- | 0 0 0 | 0 0 1 | 1 1 1 | 0 1 0 | | 0 1 1 | |

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| 419.- | 0 0 0 | 0 0 1 | 0 1 1 | 0 1 1 | | 0 1 1 | |
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| | | 0 0 0 | 433.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 1 0 |
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| | | | 0 0 0 | 438.- | 0 0 0 | 1 1 1 | 0 0 0 |
| | 0 0 0 | 429.- | 0 0 0 | 0 1 1 | 0 0 0 | 1 1 1 | |
| 420.- | 1 0 1 | 1 0 1 | 0 0 0 | 0 1 1 | | 0 1 1 | |
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| 0 1 1 | | | | 0 0 0 | 443.- | 0 0 0 | 0 0 1 |
| | | 0 0 0 | 434.- | 0 0 0 | 1 1 0 | 0 0 0 | 0 0 0 |
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| | 0 0 0 | 430.- | 0 0 0 | 1 1 1 | 0 0 0 | 0 0 0 | |
| 421.- | 0 0 0 | 0 1 1 | 0 0 0 | 0 1 1 | | 1 1 1 | |
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| | | 0 0 0 | 435.- | 0 0 0 | 0 0 1 | 1 1 1 | 0 0 0 |
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| | | | 0 0 0 | 440.- | 0 0 0 | 1 0 0 | 0 0 0 |
| | 0 0 0 | 431.- | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | |
| 422.- | 0 0 0 | 1 1 1 | 0 0 0 | 1 1 1 | | 1 1 1 | |
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| | | 0 0 0 | 436.- | 0 0 0 | 1 0 1 | 1 1 1 | 0 0 0 |
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| | | | 0 0 0 | 441.- | 0 0 0 | 0 1 0 | 0 0 0 |
| | 0 0 0 | 432.- | 0 0 0 | 1 0 0 | 0 0 0 | 0 0 0 | |
| 423.- | 0 0 0 | 0 0 0 | 0 0 0 | 1 1 1 | | 1 1 1 | |
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| 1 1 1 | | | | 0 0 0 | 478.- | 0 0 0 | 1 1 1 |
| | | 0 0 0 | 469.- | 0 0 0 | 0 1 1 | 0 0 0 | 0 0 1 |
| 0 0 0 | 460.- | 0 1 0 | 1 0 1 | 0 0 0 | 1 1 0 | | 1 1 1 |
| 0 0 0 | 0 0 1 | 1 1 1 | 0 1 0 | | 1 1 1 | | |
| 0 0 0 | 1 0 0 | | 1 1 1 | | | | 0 0 0 |
| | 1 1 1 | | | | 0 0 0 | 483.- | 0 0 0 |
| | | | 0 0 0 | 474.- | 0 0 0 | 1 1 0 | 0 0 0 |
| | 0 0 0 | 465.- | 0 0 0 | 0 1 0 | 0 0 0 | 0 0 1 | |
| 456.- | 0 0 0 | 1 0 0 | 0 0 0 | 1 1 0 | | 1 1 1 | |
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| 1 0 0 | | 1 1 1 | | | | 0 0 0 | 488.- |
| 1 1 1 | | | | 0 0 0 | 479.- | 0 0 0 | 0 0 0 |
| | | 0 0 0 | 470.- | 0 0 0 | 1 1 1 | 0 0 0 | 1 0 1 |
| 0 0 0 | 461.- | 0 0 0 | 0 1 1 | 0 0 0 | 1 1 0 | | 1 1 1 |
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| | 0 0 0 | 466.- | 0 0 0 | 1 1 0 | 0 0 0 | 0 0 1 | |
| 457.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 1 0 | | 1 1 1 | |
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| | | 0 0 0 | 471.- | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 0 0 0 | 462.- | 0 0 0 | 1 1 1 | 0 0 0 | 0 0 1 | | 1 1 1 |
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| 458.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 1 0 | | 1 1 1 | |
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| | | 0 0 0 | 472.- | 0 0 0 | 1 0 0 | 0 0 0 | 1 0 1 |
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| 0 0 0 | 1 0 0 | | 1 1 1 | | | | 0 0 0 |
| | 1 1 1 | | | | 0 0 0 | 486.- | 0 0 0 |
| | | | 0 0 0 | 477.- | 0 0 0 | 0 1 1 | 0 0 0 |
| | 0 0 0 | 468.- | 0 0 0 | 1 0 1 | 0 0 0 | 0 0 1 | |
| 459.- | 0 0 0 | 0 0 1 | 0 0 0 | 1 1 0 | | 1 1 1 | |
| 1 1 0 | 0 0 0 | 0 1 0 | | 1 1 1 | | | |
| 1 0 0 | | 1 1 1 | | | | 0 0 0 | 491.- |
| 1 1 1 | | | | 0 0 0 | 482.- | 0 0 0 | 1 1 0 |
| | | 0 0 0 | 473.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 0 1 |
| 0 0 0 | 464.- | 0 0 0 | 1 0 0 | 0 0 0 | 0 0 1 | | 1 1 1 |
| 0 0 0 | 0 0 0 | 0 0 0 | 1 1 0 | | 1 1 1 | | |
| 0 0 0 | 0 1 0 | | 1 1 1 | | | | 0 0 0 |
| | 1 1 1 | | | | 0 0 0 | 487.- | 0 0 0 |

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0 0 0 | 1 0 1 | | 1 1 1 | | | | 0 0 0 |
| | 1 1 1 | | | | 0 0 0 | 507.- | 0 0 0 |
| | | | 0 0 0 | 502.- | 0 0 0 | 1 1 0 | 0 0 0 |
| | 0 0 0 | 497.- | 0 0 0 | 0 1 1 | 0 0 0 | 1 1 1 | |
| 492.- | 0 0 0 | 1 0 0 | 0 0 0 | 0 1 1 | | 1 1 1 | |
| 0 0 1 | 0 0 0 | 0 1 1 | | 1 1 1 | | | |
| 1 0 1 | | 1 1 1 | | | | 0 0 0 | 510.- |
| 1 1 1 | | | | 0 0 0 | 505.- | 0 0 0 | 0 1 1 |
| | | 0 0 0 | 500.- | 0 0 0 | 1 0 0 | 0 0 0 | 1 1 1 |
| 0 0 0 | 495.- | 0 0 0 | 0 0 1 | 0 0 0 | 1 1 1 | | 1 1 1 |
| 0 0 0 | 1 1 1 | 0 0 0 | 0 1 1 | | 1 1 1 | | |
| 0 0 0 | 1 0 1 | | 1 1 1 | | | | 0 0 0 |
| | 1 1 1 | | | | 0 0 0 | 508.- | 0 0 0 |
| | | | 0 0 0 | 503.- | 0 0 0 | 0 0 1 | 0 0 0 |
| | 0 0 0 | 498.- | 0 0 0 | 1 1 1 | 0 0 0 | 1 1 1 | |
| 493.- | 0 0 0 | 0 1 0 | 0 0 0 | 0 1 1 | | 1 1 1 | |
| 1 0 1 | 0 0 0 | 0 1 1 | | 1 1 1 | | | |
| 1 0 1 | | 1 1 1 | | | | 0 0 0 | 511.- |
| 1 1 1 | | | | 0 0 0 | 506.- | 0 0 0 | 1 1 1 |
| | | 0 0 0 | 501.- | 0 0 0 | 0 1 0 | 0 0 0 | 1 1 1 |
| 0 0 0 | 496.- | 0 0 0 | 1 0 1 | 0 0 0 | 1 1 1 | | 1 1 1 |
| 0 0 0 | 0 0 0 | 0 0 0 | 0 1 1 | | 1 1 1 | | |
| 0 0 0 | 0 1 1 | | 1 1 1 | | | | 0 0 0 |
| | 1 1 1 | | | | 0 0 0 | 509.- | 0 0 0 |
| | | | 0 0 0 | 504.- | 0 0 0 | 1 0 1 | 0 0 0 |
| | 0 0 0 | 499.- | 0 0 0 | 0 0 0 | 0 0 0 | 1 1 1 | |
| 494.- | 0 0 0 | 1 1 0 | 0 0 0 | 1 1 1 | | 1 1 1 | |
| 0 1 1 | 0 0 0 | 0 1 1 | | 1 1 1 | | | |

2.2 Atractor

3x3games.png

3 Matriz 4x4

3.1 Atractor

El juego de la vida en una Matriz de 4x4 al calcular todos sus estados da 65535 estados, el siguiente arbol es solo de 2000 de ellos.

4x4games.png

Nodos Ciclicos

4x4ciclos.png