16.
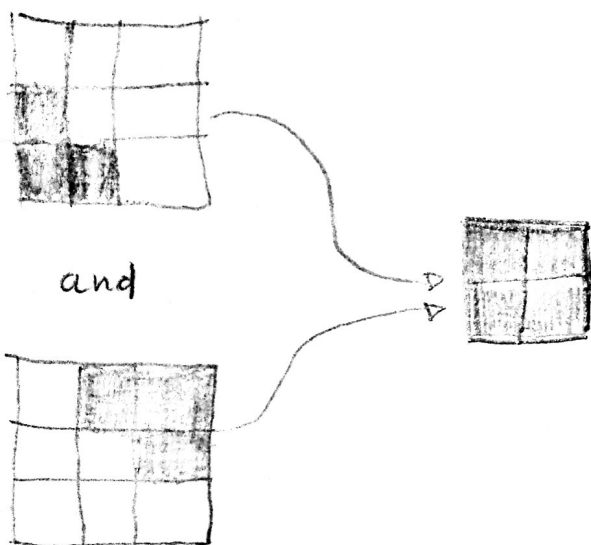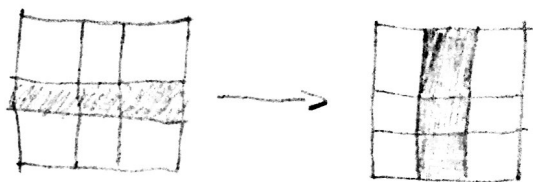
Silent state

Symmetric

and

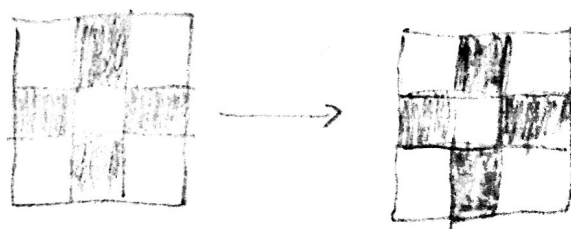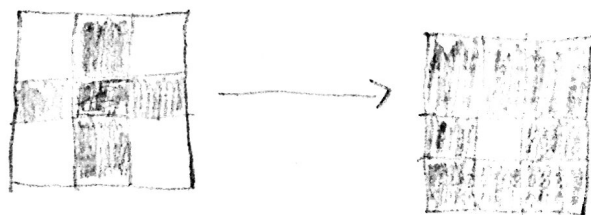Because is symmetric and
has silent state is legal

Totalistic

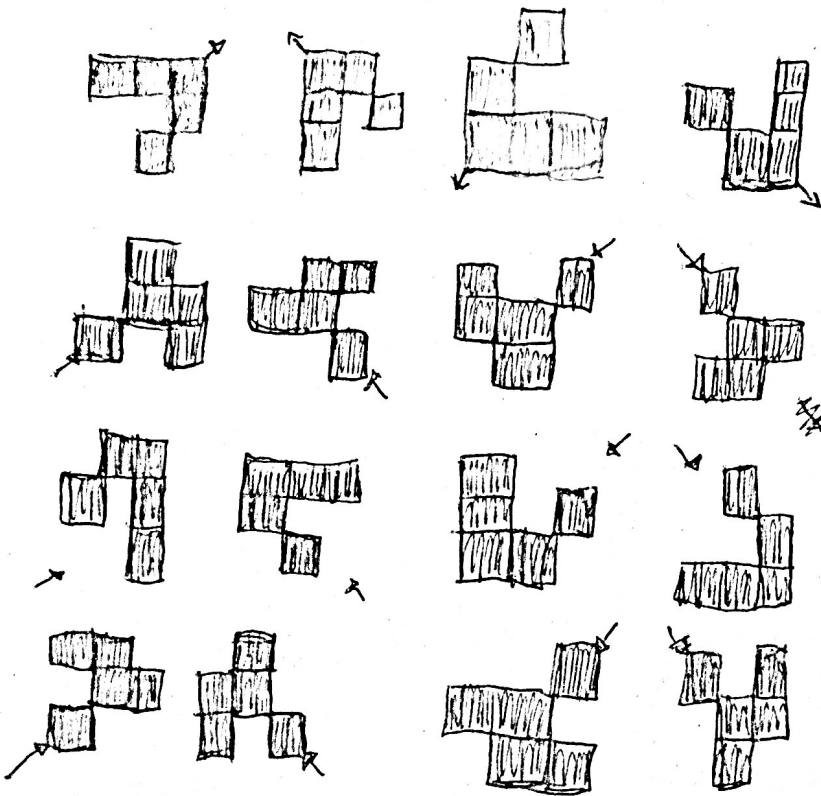* Conway's Game of Life is
not totalistic

SUM is 3

Is not peripheral, the state of
the cell is influencing the result

17. It was proved that it is possible to create a Game of Life pattern capable of grow infinitely.
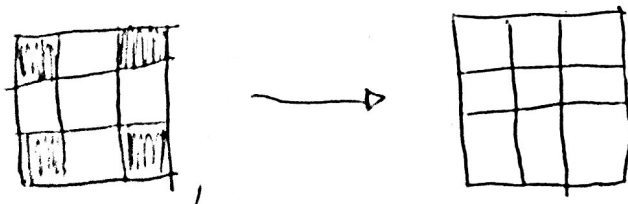
19. We can start with 16 correct configurations:

21. Theory and applications of cellular automata in criptography. IEEE Transactions on Computers (Volume 43, Issue 12). Dec 1994.
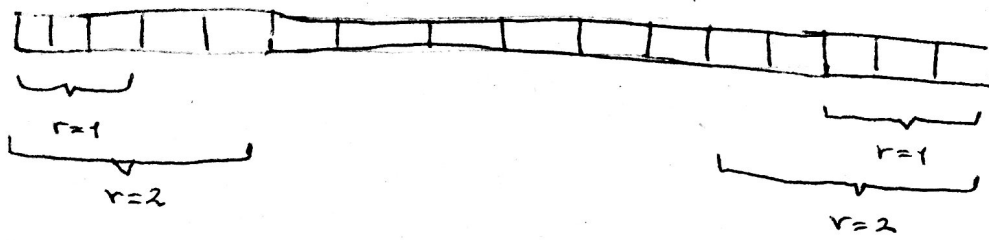
→ In this paper the author proposes an enciphering scheme based on CA state transitions.
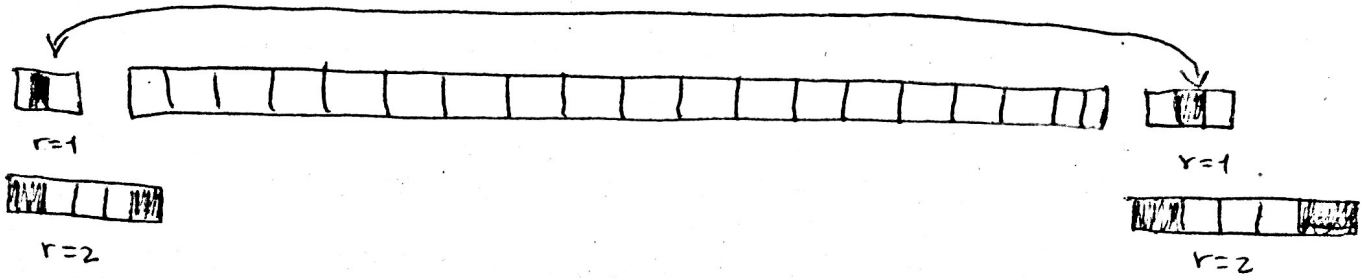
22.

Fixed boundary

The cells in the border are always silent

The cells "behind the boundary" are a mirror of the cells "before the boundary".