

Chemical Computing Solutions

Function computation

- 1) $N + X_1 \rightarrow Y, Y + X_1 \rightarrow N$
- 2) $N + X_1 \rightarrow Y, Y + X_2 \rightarrow N$
- 3) $X_1 \rightarrow Y, X_2 \rightarrow Y$
- 4) $X_1 \rightarrow Y + Y$

Tic-tac-toe

Here is a simple explanation in Scientific American.

http://www.cs.virginia.edu/~robins/DNA_Computers_for_Work_and_Play.pdf

