

Cellular Automata

An introduction to Conway's Game of Life

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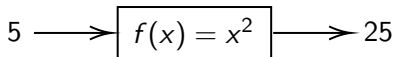
IIT Delhi

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Determinism and Non-Determinism

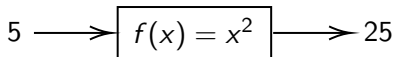
Determinism and Non-Determinism

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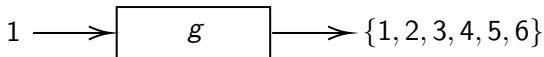


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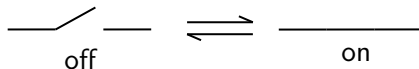
A **Nondeterministic Algorithm** is an algorithm that does not give repeatable outputs for a given input. An example is a cup in which n dice are rolled. ($g : \mathbb{N} \rightarrow \mathbb{N}^n$)



State Machines

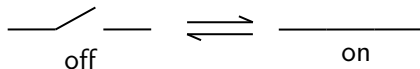
State Machines

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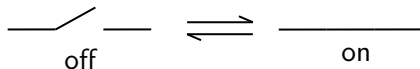
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