



VI Escuela de Verano en Sistemas Complejos

*Instituto de Sistemas Complejos de Valparaíso –ISCV-
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Abstract

Course
Anahí Gajardo

Cellular Automata

Cellular Automata (CA) are discrete models that can be used to represent several systems in physics, biology, social sciences, etc. We will show several of its features and we will illustrate the main concepts.

We will focus on the concept of "algorithmic complexity", we will explain its meaning and we will develop one of the classical techniques for identifying it: the construction of boolean circuits.

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