

Fundamentals Of Natural Computing An Overview

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Natural computing, also called natural computation, is a terminology introduced to encompass three classes of methods: 1 those that take inspiration from nature for the development of novel problem-solving techniques; 2 those that are based on the use of computers to synthesize natural phenomena; and 3 those that employ natural materials to compute. The main fields of research that compose these three branches are artificial neural networks, evolutionary algorithms, swarm intelligence, artificia

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Natural computing brings together nature and computing to develop new computational tools for problem solving; to synthesize natural patterns and behaviors in computers; and to potentially design novel types of computers.

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