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Bionics – Patented by Nature

Is it possible to learn from Nature or even take Nature as a model? Nature and technology are surely worlds apart. And yet, the more engineers find themselves under pressure to come up with clean and environmentally sound solutions, the more imperative it is becoming to our survival to borrow wisdom from Nature's book of patents. These films offer the viewer a comprehensive survey of worldwide bionics research and give a clear insight into the structural patterns which organize Nature and the influence they have on virtually every area of human life. Apart from the fascinating footage and unusual close-ups, there is information about individual institutes and research scientists who are working on the synthesis of biology and technology.

- 01 Learning from Trees
- 02 The Strategy of Creation
- 03 The Secret of Movement
- 04 The Robot Zoo
- 05 High-Tech for the Senses
- 06 Spare Parts for Humans
- 07 Clay Instead of Concrete, Spider Silk Instead of Nylon
- 08 The Materials of Creation