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Per Bak, the author of How Nature Works, is a theoretical physicist at Brookhaven National Labs who earned his reputation working on "critical phenomena associated with equilibrium phase transitions" and organic conducting materials. Judging from this book, he is a worthy representative of his profession. Self-confidence? Consider the book's title.

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biology and organismal biology to show how the theory stands up to empirical tests.

How Science Works: Evolution: The Nature of Science & The ...

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Natural science - Wikipedia

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Physics is simple - Nature is complex. Physics has simple laws, while nature is complex. Complex behaviour in nature reflects the tendency of large systems with many components to evolve into a critical state. 6. Self-organized and critical. The out-of-balance critical state leads to avalanches of all sizes.

how nature works - School of Computer Science

Science – How It Works Science may seem like it's a strange thing — complicated, even a mystery. But really, science is all about finding out about nature and how things work, the reasons behind every-day things. So it's more about questions and answers than anything.

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