



Meaningful Information

By Anthony Reading

Springer-Verlag New York Inc., United States, 2011. Paperback. Book Condition: New. 2011 ed.. 240 x 160 mm. Language: English . Brand New Book ***** Print on Demand *****.The book introduces a radically new way of thinking about information and the important role it plays in living systems. It opens up new avenues for exploring how cells and organisms change and adapt, since the ability to detect and respond to meaningful information is the key that enables them to receive their genetic heritage, regulate their internal milieu, and respond to changes in their environment. It also provides a way of resolving Descartes dilemma by explaining the workings of the brain in non-mechanical terms that are not tainted by spiritual or metaphysical beliefs. The types of meaningful information that different species and different cell types are able to detect are finely matched to the ecosystem in which they live, for natural selection has shaped what they need to know to function effectively in those circumstances. Biological detection and response systems range from the chemical configurations that govern genes and cell life to the relatively simple tropisms that guide single-cell organisms, the rudimentary nervous systems of invertebrates, and the complex neuronal structures of...



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Reviews

This book will never be straightforward to start on reading through but quite enjoyable to learn. Better then never, though i am quite late in start reading this one. Your lifestyle span will probably be convert once you complete reading this publication.

-- **Dr. Kadin Hane DVM**

This publication may be worth purchasing. it was actually writtern quite flawlessly and valuable. I am just happy to tell you that this is actually the very best book i actually have study inside my personal life and can be he best ebook for actually.

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