



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...



READ ONLINE
[4.16 MB]

Reviews

This kind of pdf is every thing and made me seeking ahead plus more. It is probably the most amazing ebook i have study. I am quickly can get a enjoyment of reading a composed pdf.

-- **Florence Rutherford DDS**

Definitely among the best ebook I actually have possibly read through. It is really simplified but unexpected situations in the 50 % from the publication. You wont truly feel monotony at at any time of the time (that's what catalogues are for concerning in the event you ask me).

-- **Jerald Champlin II**