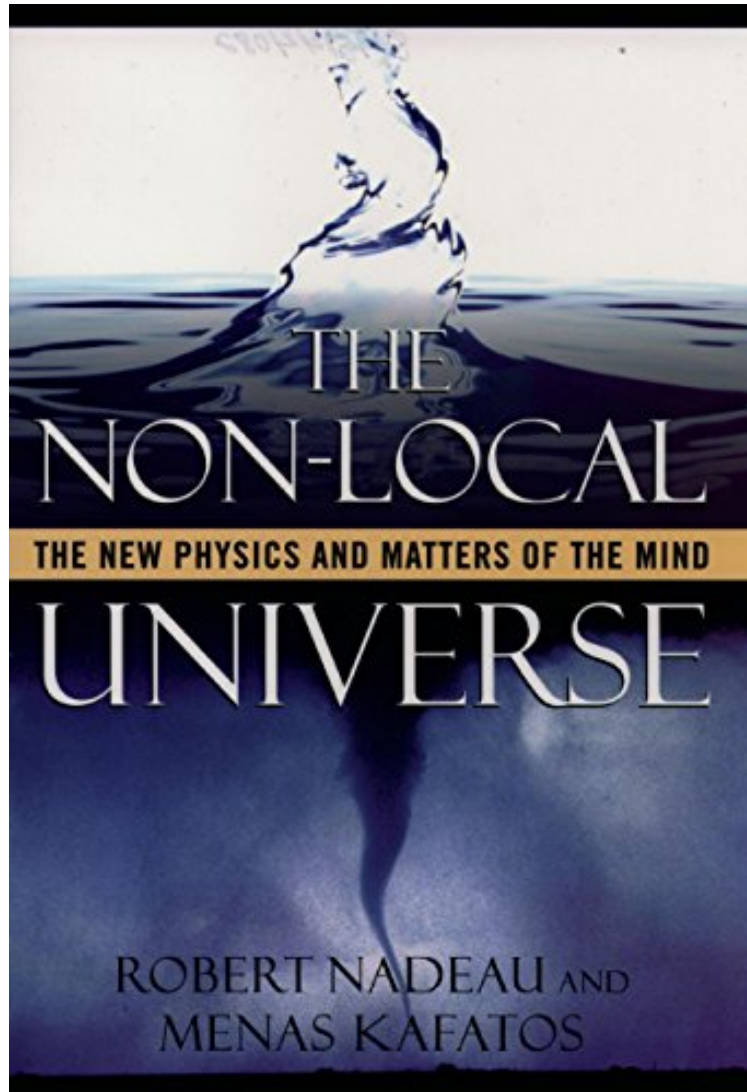


(Download pdf) The Non-Local Universe: The New Physics and Matters of the Mind

The Non-Local Universe: The New Physics and Matters of the Mind

Von Robert Nadeau, Menas Kafatos

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Von Robert Nadeau, Menas Kafatos : The Non-Local Universe: The New Physics and Matters of the Mind
before purchasing it in order to gage whether or not it would be worth my time, and all praised The Non-Local Universe: The New Physics and Matters of the Mind:

KundenrezensionenHilfreichste Kundenrezensionen1 von 1 Kunden fanden die folgende Rezension hilfreich. It's a con job.Von Calvin JohnsonUnfortunately this book propagates the same misinformation as many other bad science books such as "The Tao of Physics." These books make a big deal about the nonlocality of quantum physics and about quantum entanglement and the experiments that have proved quantum entanglement. All of this is true. Unfortunately they mislead through omission. Nonlocality and quantum entanglement are very delicate and very rare events. A

physicist doing an experiment has to work very hard to keep a quantum entangled system separate from the rest of the universe. Once the system interacts with the rest of the universe, the quantum entanglement vanishes. This is a well-known fact that all first year physics grad students learn. (I should know, I'm a physics professor.) So the whole conceit of the book is wrong. While quantum nonlocality does occur, it is actually very rare and disappears quickly--this is experimentally verified as well--and so the notion of a totally connected universe is a lie and a cheat.0 von 0 Kunden fanden die folgende Rezension hilfreich. Its so much moreVon Jay G SealsIf you are not careful this wonderful book will Bohr you to death with CI, but The Non-Local Universe explains very well, the well traveled paths of new science. Thank goodness for the Undivided Universe and thinkers like David Bohm, B.J. Hiley as well Jack Sarfatti exploiting the potentials of nonlocality. These new frontier thinkers have scouted a universe that will allow Nadeau and Kafatos to expand on the very fine work recorded in this book. The matters of spirit are in this book and the authors bravely respect the connectivity of this massless domain to the manifestations of participative science, religion and mind. In this book you cannot miss the concept, time came before creation and the emergence unfolding in this whole undivided process was guided by a wonderful observer. The good news is this book is very informative, accurate and expandable. When the insights of Bohm are fully unfolded in the next addition we will have discovered the potential of the wheel once more. This is a must read!0 von 0 Kunden fanden die folgende Rezension hilfreich. UsefulVon Ein KundeIn the absence of a close-ended, conclusive (and ultimately supersymmetric), causal proof of the existence of matter independent of the consciousness which would (and is trying to) observe it, it seems premature to presuppose there is one: yet this is the presupposition that has remained absent of proof. Why? The non-existence of matter a priori, fills in the "explanatory gap" and parts company with the Freudian paradigm. Recent research from an interdepartmental centre in a Roman university also demonstrates new experimental evidence for (non-)locality and quantum theory. For anyone more interested in truth-finding than truth-seeking, "The End of Time" by Julian Barbour (typo corrected paperback from in the UK), and "The End of Science" by John Horgan are a pair that come to mind.

KurzbeschreibungClassical physics states that physical reality is local--a point in space cannot influence another point beyond a relatively short distance. However, In 1997, experiments were conducted in which light particles (photons) originated under certain conditions and traveled in opposite directions to detectors located about seven miles apart. The amazing results indicated that the photons "interacted" or "communicated" with one another instantly or "in no time." Since a distance of seven miles is quite vast in quantum physics, this led physicists to an extraordinary conclusion--even if experiments could somehow be conducted in which the distance between the detectors was half-way across the known universe, the results would indicate that interaction or communication between the photons would be instantaneous. What was revealed in these little-known experiments in 1997 is that physical reality is non-local--a discovery that Robert Nadeau and Menas Kafatos view as "the most momentous in the history of science."In The Non-Local Universe, Nadeau and Kafatos offer a revolutionary look at the breathtaking implications of non-locality. They argue that since every particle in the universe has been "entangled" with other particles like the two photons in the 1997 experiments, physical reality on the most basic level is an undivided wholeness. In addition to demonstrating that physical processes are vastly interdependent and interactive, they also show that more complex systems in both physics and biology display emergent properties and/or behaviors that cannot be explained in the terms of the sum of parts. One of the most startling implications of non-locality in human terms, claim the authors, is that there is no longer any basis for believing in the stark division between mind and world that has preoccupied much of western thought since the seventeenth century. And they also make a convincing case that human consciousness can now be viewed as emergent from and seamlessly connected with the entire cosmos.In pursuing this groundbreaking argument, the authors not only provide a fascinating history of developments that led to the discovery of non-locality and the sometimes heated debate between the great scientists responsible for these discoveries. They also argue that advances in scientific knowledge have further eroded the boundaries between physics and biology, and that recent studies on the evolution of the human brain suggest that the logical foundations of mathematics and ordinary language are much more similar than we previously imagined. What this new knowledge reveals, the authors conclude, is that the connection between mind and nature is far more intimate than we previously dared to imagine. What they offer is a revolutionary look at the implications of non-locality, implications that reach deep into that most intimate aspect of humanity--consciousness.Pressestimmen"Nadeau and Kafatos supply plenty of food for thought: the apparently recondite concept of non-locality, they suggest, has consequences everywhere."--Publishers Weekly "Nadeau and Kafatos supply plenty of food for thought: the apparently recondite concept of non-locality, they suggest, has consequences everywhere."--Publishers Weekly "Nadeau and Kafatos supply plenty of food for thought: the apparently recondite concept of non-locality, they suggest, has consequences everywhere."--Publishers Weekly "Nadeau and Kafatos supply plenty of food for thought: the apparently recondite concept of non-locality, they suggest, has consequences everywhere."--Publishers WeeklyKurzbeschreibungClassical physics states that physical reality is local--a point in space cannot influence another point beyond a relatively short distance. However, In 1997,

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