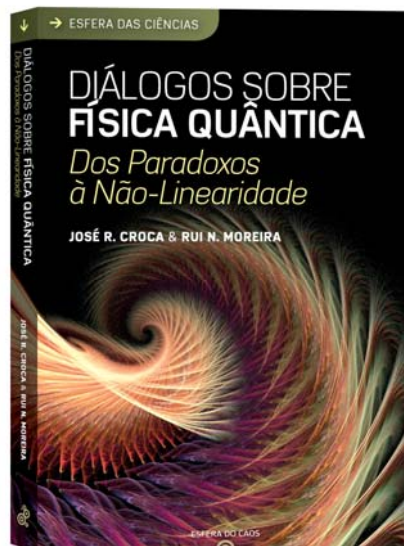


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Dialogues about Quantum Physics From Paradoxes to Non-linearity

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The old quantum physics paradigm is worn out. It must therefore be substituted by a new approach — one which accepts a reality independent from the observer, and one which might solve the paradoxes and the enigmas that fashionable theories still keep feeding.

This book exposes the insufficiencies of linear quantum physics, orthodox and dominant, in a language that everyone, and not only the learned, can understand. It is demonstrated that the time has come to invest in a new quantum physics, causal and non-linear and, for the time being, heterodox.

We are invited here to revisit the most significant moments in the history of astronomy and physics; we are also faced with the epistemological debates which have proven to be decisive in the future path of this area of knowledge; we are also led to a re-evaluation of many concepts, deceptive in the end, which supposedly are integrated in «true science»; and we are finally led, with rigor and clarity, through the meanders of an innovative interpretation of quantum physics, based on the complexity and the non-linearity which will lay the foundations for the most promising investigation programmes.