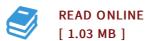




The Quantum Divide: Why Schrodinger's Cat is Either Dead or Alive

By Christopher C. Gerry, Kimberley M. Bruno

Oxford University Press. Paperback. Book Condition: new. BRAND NEW, The Quantum Divide: Why Schrodinger's Cat is Either Dead or Alive, Christopher C. Gerry, Kimberley M. Bruno, Using a selection of key experiments performed over the past 30 years or so, we present a discussion of the strikingly counterintuitive phenomena of the quantum world that defy explanation in terms of everyday "common sense" reasoning, and we provide the corresponding quantum mechanical explanations with a very elementary use of associated formalism. Most, but certainly not all, of the experiments we describe are optical experiments involving a very small number of photons (particles of light). We begin with experiments on the wave-particle duality of electrons, proceed to experiments on the particle nature of light and single photon interference, delayed choice experiments and interaction-free detection, then go on to experiments involving the interference of two photons, quantum entanglement and Bell's Theorem, quantum teleportation, large-scale quantum effects and the divide between the classical and quantum worlds, addressing the question as to whether or not there is such a divide.



Reviews

This book is definitely not straightforward to get started on studying but extremely exciting to read. It is really simplistic but shocks in the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Ally Reichel

This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You wont feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).

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