

## Einstein and the Quantum: The Quest of the Valiant Swabian



Einstein and the Quantum reveals for the first time the full significance of Albert Einsteins contributions to quantum theory. Einstein famously rejected quantum mechanics, observing that God does not play dice. But, in fact, he thought more about the nature of atoms, molecules, and the emission and absorption of light - the core of what we now know as quantum theory - than he did about relativity. A compelling blend of physics, biography, and the history of science, Einstein and the Quantum shares the untold story of how Einstein - not Max Planck or Niels Bohr - was the driving force behind early quantum theory. It paints a vivid portrait of the iconic physicist as he grappled with the apparently contradictory nature of the atomic world, in which its invisible constituents defy the categories of classical physics, behaving simultaneously as both particle and wave. And it demonstrates how Einsteins later work on the emission and absorption of light, and on atomic gases, led directly to Erwin Schrodingers breakthrough to the modern form of quantum mechanics. The book sheds light on why Einstein ultimately renounced his own brilliant work on quantum theory, due to his deep belief in science as something objective and eternal. A book unlike any other, Einstein and the Quantum offers a completely new perspective on the scientific achievements of the greatest intellect of the twentieth century, showing how Einsteins contributions to the development of quantum theory are more significant, perhaps, than even his legendary work on relativity.

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**A. Douglas Stone, Einstein and the Quantum: The Quest of the Valiant Swabian.** x + 332 pp., illus., bibl., index. Princeton, N.J./Oxford: Princeton University Press, **A. Douglas Stone.**

**Einstein and the Quantum: The Quest - Matt Leifer** A. Douglas Stone. Einstein and the Quantum: The Quest of the Valiant Swabian. Princeton, NJ: Princeton University Press, 2013. Pp. 332. \$29.95 (cloth). **none** Dec 25, 2013 A. Douglas Stones new book, Einstein and the Quantum: The Question of the Valiant Swabian, explores Einsteins role in the quantum **Einsteins Real Breakthrough? Quantum Theory : NPR** Einstein and the Quantum: The Quest of the Valiant Swabian. 332 pp. research is focussed on the foundations of quantum theory and its overlap with quantum **Einstein and the Quantum: The Quest of the Valiant Swabian by by A** Sep 25, 2013 His book, Einstein and the Quantum: The Quest of the Valiant Swabian, reveals for the first time the full significance of Albert Einsteins **EINSTEIN AND THE QUANTUM: THE QUEST OF THE VALIANT. SWABIAN** by A. Douglas Stone. Princeton University. Press, Princeton, NJ, 2013. 344 pp., illus. **Einstein and the Quantum: The Quest of the Valiant Swabian.** Description of the book Einstein and the Quantum: The Quest of the Valiant Swabian by Stone, A., published by Princeton University Press. **Einstein and the Quantum: The Quest of the Valiant Swabian** Oct 6, 2015 Einstein and the Quantum reveals for the first time the full significance of Albert Einsteins contributions to quantum theory. Einstein famously **Einstein and the Quantum: The Quest of the Valiant Swabian** Einstein and the Quantum reveals for the first time the full significance of Albert Einsteins contributions to quantum theory. Einstein famously rejected quantum **Einstein and the Quantum: The Quest of the Valiant Swabian. Q&A with Douglas Stone, Author of Einstein and the Quantum** Einstein and the Quantum: The Quest of the Valiant Swabian. Princeton, NJ: Princeton University Press, 2013. Pp. 332. \$29.95 (cloth). While everyone knows of **book reviews - Current Science** This book sheds new light quanta on Einsteins multifaceted life. The take-home message is that Einsteins thinking was essential to the development of quantum **Einstein and the Quantum: The Quest of the Valiant Swabian: A** Aug 26, 2013 The Quest of the Valiant Swabian effect and the quantum properties of light, Einsteins theories would form the major core of modern quantum **Einstein as founding father of quantum theory - Springer Link** Einstein and the Quantum has 122 ratings and 21 reviews. Brian said: This is without doubt a five star, standout book, though there are a couple of provi **Einstein and the Quantum: The Quest of the Valiant Swabian - A** Additional Reviews and/or Endorsements for Einstein and the Quantum: The Quest of the Valiant Swabian by Stone, A., published by Princeton University Press. **none** How well did he understand Quantum Mechanics compared to the giants of . University): Einstein and the Quantum: The Quest for the Valiant Swabian (2014). **Einstein and the Quantum: The Quest of the Valiant** - Oct 6, 2015 The Paperback of the Einstein and the Quantum: The Quest of the Valiant Swabian by A. Douglas Stone at Barnes & Noble. FREE Shipping on **Einstein and the Quantum: The Quest of the Valiant Swabian: A PDF (2436.907 KB) - MIT Press Journals** **none** A. Douglas Stone. Einstein and the Quantum: The Quest of the Valiant Swabian. x + 332 pp., illus., bibl., index. Princeton, N.J./Oxford: Princeton University Press, **A. Douglas Stone. Einstein and the Quantum: The Quest of** Buy Einstein and the Quantum: The Quest of the Valiant Swabian on ? FREE SHIPPING on qualified orders. **Einstein and the Quantum: The Quest of the Valiant Swabian.** Read Einstein and the Quantum: The Quest of the Valiant Swabian book reviews & author details and more at . Free delivery on qualified orders. **Einstein and the Quantum: The Quest of the Valiant Swabian by A** **A. Douglas in and the Quantum: The Quest - PhilPapers** I was of course aware that Einstein had contributed to the subject of quantum physics. Even freshman physics students learn that Einstein explained the photo-. **The Valiant Swabian - The New Yorker** Aug 10, 2014 Einstein and the Quantum: The Quest of the Valiant Swabian. A. Douglas. Stone. Princeton University Press, 41. William Street, Princeton, New