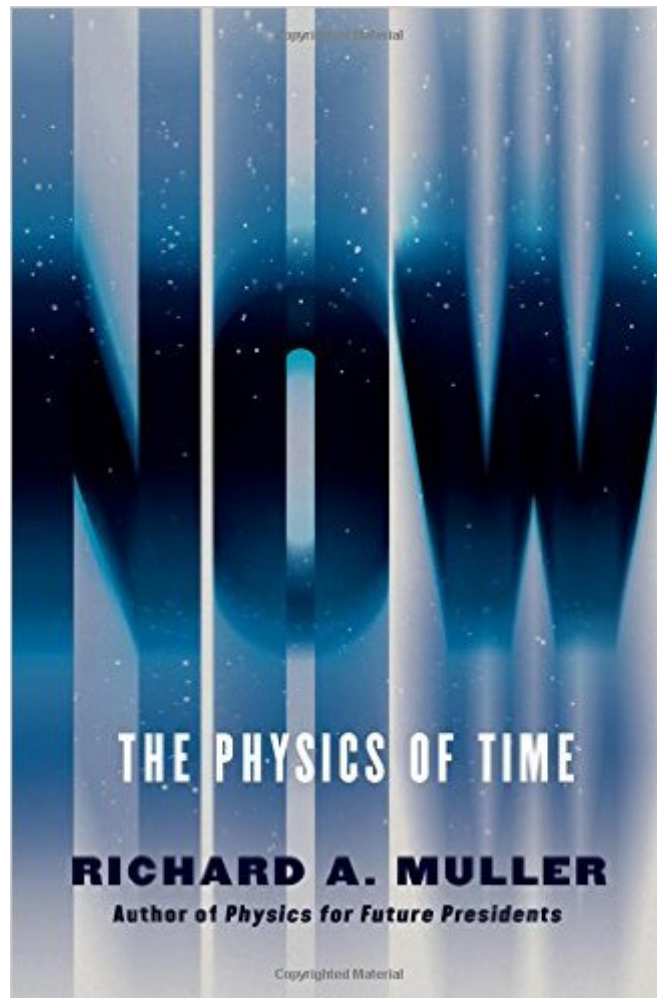


The book was found

Now: The Physics Of Time



Synopsis

Now is a simple yet elusive concept. You are reading the word now right now. But what does that mean? What makes the ephemeral moment now so special? Its enigmatic character has bedeviled philosophers, priests, and modern-day physicists from Augustine to Einstein and beyond. Einstein showed that the flow of time is affected by both velocity and gravity, yet he despaired at his failure to explain the meaning of now. Equally puzzling: why does time flow? Some physicists have given up trying to understand, and call the flow of time an illusion, but the eminent experimentalist physicist Richard A. Muller protests. He says physics should explain reality, not deny it. In Now, Muller does more than poke holes in past ideas; he crafts his own revolutionary theory, one that makes testable predictions. He begins by laying out with the refreshing clarity that made Physics for Future Presidents so successful a firm and remarkably clear explanation of the physics building blocks of his theory: relativity, entropy, entanglement, antimatter, and the Big Bang. With the stage then set, he reveals a startling way forward. Muller points out that the standard Big Bang theory explains the ongoing expansion of the universe as the continuous creation of new space. He argues that time is also expanding and that the leading edge of the new time is what we experience as now. This thought-provoking vision has remarkable implications for some of our biggest questions, not only in physics but also in philosophy including the ongoing debate about the reality of free will. Moreover, his theory is testable. Muller's monumental work will spark major debate about the most fundamental assumptions of our universe, and may crack one of physics's longest-standing enigmas. 42 illustrations

Book Information

Hardcover: 368 pages

Publisher: W. W. Norton & Company; 1 edition (September 20, 2016)

Language: English

ISBN-10: 0393285235

ISBN-13: 978-0393285239

Product Dimensions: 6.6 x 1.2 x 9.6 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Best Sellers Rank: #3,750 in Books (See Top 100 in Books) #1 in Books > Science & Math > Experiments, Instruments & Measurement > Time #1 in Books > Politics & Social Sciences > Philosophy > Free Will & Determinism #1 in Books > Science & Math > Physics > Entropy

[Download to continue reading...](#)

Physics for Scientists and Engineers with Modern Physics: Volume II (3rd Edition) (Physics for Scientists & Engineers) Head First Physics: A learner's companion to mechanics and practical physics (AP Physics B - Advanced Placement) For the Love of Physics: From the End of the Rainbow to the Edge Of Time - A Journey Through the Wonders of Physics Now: The Physics of Time Now: The Physics of Time - and the Ephemeral Moment That Einstein Could Not Explain The Time Garden Note Cards: Color-In Note Cards from the Creator of The Time Garden and The Time Chamber (Time Adult Coloring Books) In Search of Time: The History, Physics, and Philosophy of Time Learning Game Physics with Bullet Physics and OpenGL Sterling Test Prep GRE Physics Practice Questions: High Yield GRE Physics Questions with Detailed Explanations McGraw-Hill Education SAT Subject Test Physics 2nd Ed. (Mcgraw-Hill's Sat Subject Test Physics) Sterling Test Prep MCAT Physics Practice Questions: High Yield MCAT Physics Questions with Detailed Explanations Conceptual Physics : The High School Physics Program Physics of Atoms and Ions (Graduate Texts in Contemporary Physics) Physics of Amphiphiles: Micelles, Vesicles and Microemulsions : Proceedings of the International School of Physics, Enrico Fermi, Course Xc The Feynman Lectures on Physics, Vol. II: The New Millennium Edition: Mainly Electromagnetism and Matter (Feynman Lectures on Physics (Paperback)) (Volume 2) Physics for Scientists and Engineers, Volume 2: Electricity, Magnetism, Light, and Elementary Modern Physics Introduction to plasma physics and controlled fusion. Volume 1, Plasma physics Thermodynamics and the Kinetic Theory of Gases: Volume 3 of Pauli Lectures on Physics (Dover Books on Physics) Atomic Physics and Human Knowledge (Dover Books on Physics) Group Theory for the Standard Model of Particle Physics and Beyond (Series in High Energy Physics, Cosmology and Gravitation)

[Dmca](#)