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Nota di contenuto	Part I: What is science all about? -- The Ultimate Question -- The Meaning of Understanding -- Truth and Beauty -- Gödel, Hawking and the Foundations of Physics -- Part II: Today's Frontiers -- The Incredible Quantum Mechanics -- Special Relativity -- General Relativity -- The Most Accurate Theory in Physics -- The Standard Model of Fundamental Particles -- How the World Began -- Modern Cosmology -- Part III: Open Questions -- Issues for the Future -- Appendices. .
Sommario/riassunto	With the aid of entertaining short stories, anecdotes, lucid explanations and straight-forward figures, this book challenges the perception that the world of physics is inaccessible to the non-expert. Beginning with Neanderthal man, it traces the evolution of human reason and understanding from paradoxes and optical illusions to gravitational waves, black holes and dark energy. On the way, it provides insights into the mind-boggling advances at the frontiers of physics and cosmology. Unsolved problems and contradictions are highlighted, and contentious issues in modern physics are discussed in a non-dogmatic way in a language comprehensible to the non-scientist. It has something for everyone.