1. Record Nr. UNINA9910739431903321

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Titolo	The quantum theory-- origins and ideas : a historical primer for physics students / / Carl S. Helrich
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-79268-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (X, 241 p. 52 illus., 20 illus. in color.)
Collana	History of physics
Disciplina	530.1209
Soggetti	Quantum theory - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 - Atomic Theory -- Chapter 2 - Electromagnetic Radiation -- Chapter 3 - Experimental Successes -- Chapter 4 - De Broglie's Particle Wave -- Chapter 5 - Schrödinger's Equation -- Chapter 6 - Formulation.
Sommario/riassunto	This book offers a fresh perspective on some of the central experimental and theoretical works that laid the foundations for today's quantum mechanics: It traces the theoretical and mathematical development of the hypotheses that put forward to explain puzzling experimental results; it also examines their interconnections and how they together evolved into modern quantum theory. Particular attention is paid to J.J. Thomson's atomic modeling and experiments at the Cavendish Laboratory, Max Planck's struggle to explain the experimental results of Heinrich Rubens and Ferdinand Kurlbaum, as well as the path leading from Louis de Broglie’s ideas to the wave theory of Erwin Schrödinger. Combining his experience in teaching quantum mechanics with his interest in the historical roots of the subject, the author has created a valuable resource for understanding quantum physics through its history, and a book that is appreciated both by working physicists and historians.