Record Nr. UNINA9910337878803321 Autore Kleinknecht Konrad Titolo Einstein and Heisenberg: The Controversy Over Quantum Physics // by Konrad Kleinknecht Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2019 **ISBN** 3-030-05264-8 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (XI, 185 p. 43 illus.) Collana Springer Biographies, , 2365-0613 Disciplina 530 Soggetti **Physics** History Gravitation Popular Science in Physics Popular Science in History History and Philosophical Foundations of Physics Classical and Quantum Gravitation, Relativity Theory Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Preface -- Chapter 1: Einstein's Youth -- Chapter 2: Heisenberg's Youth -- Chapter 3: The Wonder Years -- Chapter 4: Impact of the Discoveries -- Chapter 5: Expulsion and the War Years -- Chapter 6: Social Affinities -- Important Concepts and Physicists -- Bibliography -- Index. . Sommario/riassunto This is a fascinating account of two great scientists of the 20th century: Einstein and Heisenberg, discoverers, respectively, of the theory of relativity and quantum mechanics. It connects the history of modern physics to the life stories of these two extraordinary physicists. These discoveries laid the foundation of modern physics, without which our digitized world of computers, satellites, and innovative materials would not be possible. This book also describes in comprehensible terms the complicated science underlying the two discoveries. The twin biography highlights the parallels and differences of these two luminaries, showing how their work shaped the 20th century into the century of physics.