

1. Record Nr.	UNINA9910457416303321
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Titolo	Neither physics nor chemistry [[electronic resource] ] : a history of quantum chemistry // Kostas Gavroglou and Ana Simoes
Pubbl/distr/stampa	Cambridge, Mass., : MIT Press, c2012
ISBN	1-283-30283-7 9786613302830 0-262-29875-9
Descrizione fisica	1 online resource (367 p.)
Collana	Transformations : studies in the history of science and technology
Altri autori (Persone)	SimoesAna
Disciplina	541/.28
Soggetti	Quantum chemistry - History Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; Introduction; Chapter 1. Quantum Chemistry qua Physics: The Promises and Deadlocks of Using First Principles; The Old Quantum Chemistry: Bonds for Physicists and Chemists; Walter Heitler and Fritz London: Outlining a Program for Quantum Chemistry; Erich Huckel: Nonvisualizability and the Quantum Theory of the Double Bond; Hans Hellmann: Fundamental Theorems and Semi-empirical Approaches; Friedrich Hund: Foundations of Molecular Spectroscopy in Quantum Mechanics; Some Further Remarks; Chapter 2. Quantum Chemistry qua Chemistry: Rules and More Rules The Young Mulliken: Hinting at Molecular Orbitals Gilbert Newton Lewis: A Precursor; Linus Pauling: Exploring Different Possibilities for a Quantum Mechanical Theory of Valence; 1931: The Annus Mirabilis for Quantum Chemistry; Two Parallel Research Agendas; The Development of Mulliken' s Program: What Are Electrons Really Doing in Molecules?; Playing the Devil's Advocate; Heitler and London: The Lost Battle; Legitimation through Pedagogical Considerations; Two Nobel Prizes Worlds Apart; Some Further Remarks Chapter 3. Quantum Chemistry qua Applied Mathematics: Approximation Methods and Crunching Numbers The 1923 Faraday Society Meeting and Its Aftermath: Sensing the Road Ahead; First Incursions into Atomic and Molecular Calculations; The 1929 Faraday

Society Meeting and the 1931 British Association for the Advancement of Science Meeting; The 1933 Faraday Society Meeting and the 1934 International Conference in Physics; Further Developments in Molecular and Atomic Calculations; Charles Alfred Coulson: A New Research Agenda; Some Further Remarks

Chapter 4. Quantum Chemistry qua Programming: Computers and the Cultures of Quantum Chemistry The Newcomers: Quantum Chemistry's Forays into New Realms; The 1951 Shelter Island Conference; The 1953 Nikko Symposium and Slater's Solid-State and Molecular Theory Group; Quantum Chemistry as a Lifestyle; Old Contexts, New Agendas: Quantum Chemistry as a Quasi Laboratory Science; A New Era; Some Further Remarks; Chapter 5. The Emergence of a Subdiscipline: Historiographical Considerations; The Role of Theory in Chemistry; The Theoretical Particularity of Chemistry; Notes; Bibliography; Index

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Sommario/riassunto

The authors of this book examine the evolution of quantum chemistry into an autonomous discipline, tracing its development from the publication of early papers in the 1920's to the dramatic changes brought about by the use of computers in the 1970's.

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