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Quantum chemistry—a discipline that is not quite physics, not quite chemistry, and not quite applied mathematics—emerged as a field of study in the 1920s. It was referred to by such terms as mathematical chemistry, subatomic theoretical chemistry, molecular quantum mechanics, and

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It was referred to by such terms as mathematical chemistry, subatomic theoretical chemistry, molecular quantum mechanics, and chemical physics until the community agreed on the designation of quantum chemistry. In Neither Physics Nor Chemistry, Kostas Gavroglu and Ana Simões examine the evolution of quantum chemistry into an autonomous discipline, tracing its development from the publication of early papers in the 1920s to the dramatic changes brought about by the use of computers in the 1970s.

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Neither Physics nor Chemistry: A History of Quantum Chemistry, by Kostas Gavroglu and Ana Simoes. Transformation: Studies in the History of Science and Technology. Cambridge, Massachusetts, MIT Press, 2012. xiv, 351 pp. \$40.00 US (cloth). Kostas Gavroglu and Ana Simoes have presented a tour de force in their work on the history of quantum chemistry.

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ISBN: 9780262016186 0262016184: OCLC Number: 707486598: Description: xiv, 351 pages : illustrations ; 24 cm: Contents: Introduction --Quantum chemistry qua physics: the promises and deadlocks of using first principles --Quantum chemistry qua chemistry: rules and more rules --Quantum chemistry qua applied mathematics: approximation methods and crunching numbers --Quantum chemistry qua ...

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Neither physics nor chemistry : a history of quantum chemistry / Kostas Gavroglu and Ana Simões. p. cm. — (Transformations : studies in the history of science and technology) Includes bibliographical references and index. ISBN 978-0-262-01618-6 (hardcover : alk. paper) 1. Quantum chemistry — History. I. Simões, Ana. II. Title. QD462 ...

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Neither Physics nor Chemistry: A History of Quantum Chemistry; Kostas Gavroglu and Ana Simões 2011; Book; Published by: The MIT Press; Series: Transformations: Studies in the History of Science and Technology

Project MUSE - Neither Physics nor Chemistry

Neither Physics nor Chemistry is not, however, for the casual reader. The authors assume that the reader will be familiar with valence bonds, Planck's constant, orbitals, and why X-ray crystallography can elucidate the internal structure of a molecule.

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