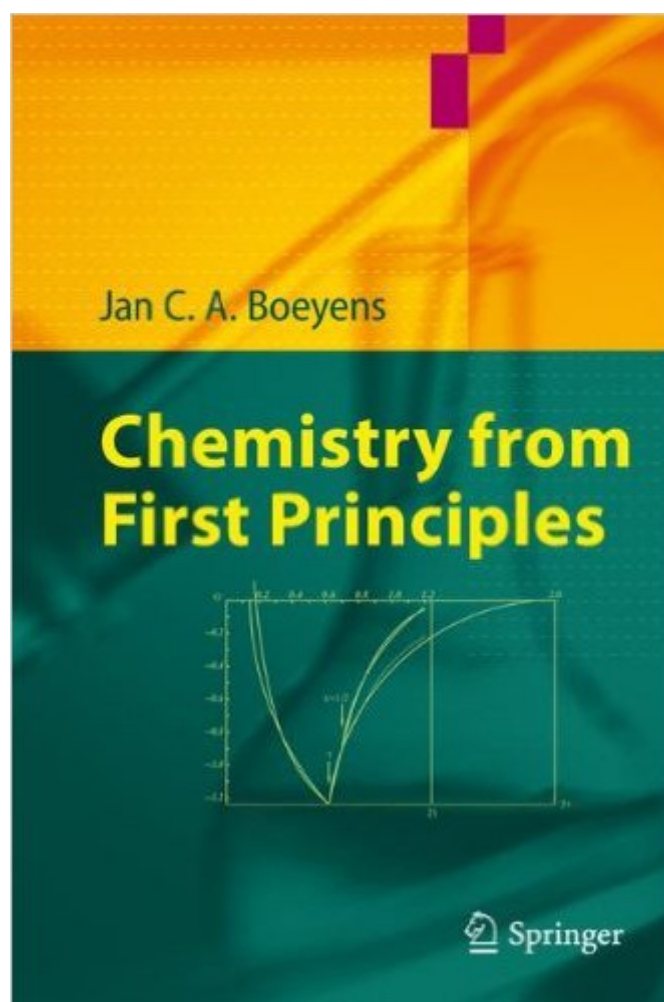


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Chemistry From First Principles



Synopsis

"Chemistry from First Principles" examines the appearance of matter in its most primitive form. It features the empirical rules of chemical affinity that regulate the synthesis and properties of molecular matter, analyzes the compatibility of the theories of chemistry with the quantum and relativity theories of physics, formulates a consistent theory based on clear physical pictures and manageable mathematics to account for chemical concepts such as the structure and stability of atoms and molecules. This text also explains the self-similarity between space-time, nuclear structure, covalent assembly, biological growth, planetary systems, and galactic conformation.

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Customer Reviews

Some years ago the German doctor of chemistry Peter Plichta published a revolutionary theory in which he is claiming matter and energy to be encoded in numbers. Because the style of Plichta's writings, see *God's Secret Formula: The Deciphering of the Riddle of the Universe and the Prime Number Code*, was not always appropriate for scientific argumentation, he could not overcome the initial resistance to his ideas and was seen by the multitude as a mere crank. It was even not advisable to refer to Plichta in a serious scientific paper, and this explains, why Plichta in this book is not mentioned despite Plichta's prime number cross page can be seen on page 132. Jan Boeyens, one of the leading professors of theoretical chemistry, is confronting the main stream theories of relativity, quantum theory, wave-particle duality, orbital angular momentum, atomic

shape and chemical bonding in the second part of this book with an alternative theory of the periodic laws, chemical interaction, structure theory and even cosmology. This truly extraordinary book has to be seen as an extension of his monograph on Number Theory and the Periodicity of Matter.

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