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Titolo	A Non-Traditional Guide to Physical Chemistry : Insights using Hydrogen // by Robert Schiller
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Descrizione fisica	1 online resource (201 pages)
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Soggetti	Physical chemistry Chemistry - History Hydrogen as fuel Science - History Physical Chemistry History of Chemistry Hydrogen Energy History of Science
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Toward Science -- Between chemistry and physics -- Which way and how fast -- Chemistry of the outer space -- Hydrogen and energy -- Conclusions.
Sommario/riassunto	This book introduces in a non-traditional way the laws of physical chemistry and its history starting in the 16th century. It reveals to the reader how physical chemists try to understand chemical processes in terms of physical laws. Hydrogen is the main focus of the book as its simplicity makes the relevant laws of nature easy to explain and its role in energetics in the near future is clear. With the basics at hand, the importance of hydrogen as a raw material in the industry and as an energy carrier in the near future is made clear. Only simple chemical processes are discussed and very little mathematics is used. Both the pleasure and use of this field of research are revealed to the interested reader. The expected readership is made of high school students, non-

chemistry major freshmen, and general audience with an interest in chemistry. The real aim of this book is to prompt the reader to wonder.
