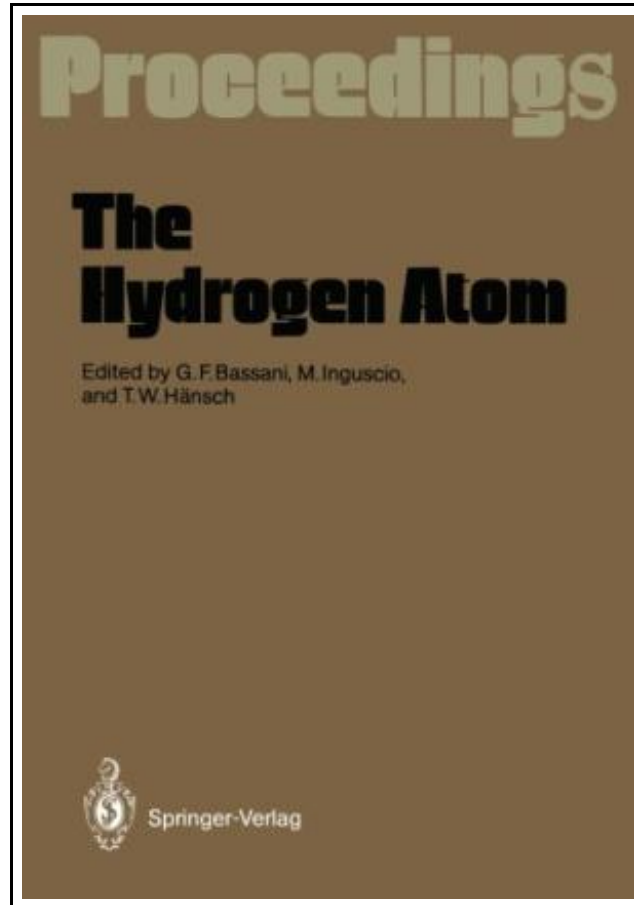


## The Hydrogen Atom



Filesize: 6.52 MB

### ***Reviews***

*It becomes an incredible ebook which i have at any time go through. It normally fails to charge excessive. Your daily life period will be enhance the instant you full reading this article book.  
(Alize Bashirian I)*

## THE HYDROGEN ATOM

DOWNLOAD



To save **The Hydrogen Atom** PDF, please access the web link under and download the document or gain access to other information which might be related to THE HYDROGEN ATOM ebook.

Book Condition: New. Publisher/Verlag: Springer, Berlin | Proceedings of the Symposium, Held in Pisa, Italy, June 30-July 2, 1988 | Atomic hydrogen, the simplest of all stable atoms, has been a challenge to spectroscopists and theoreticians for many years. Here, as in similar systems like positronium, muonium and possibly helium, the accuracy of theoretical predictions is comparable to that of experimental measurements. Hence exciting confrontations are possible. This together with expected large experimental improvements explains the strong interest in the symposium held in Pisa in June-July 1988. The resulting book completely covers the precision spectroscopy of atomic hydrogen and hydrogen-like systems, and also discusses aspects of QED and the influence of strong fields. | I Precision Spectroscopy of Hydrogen: Fundamental Physics and Universal Constants.- The Hydrogen Atom (An Historical Account of Studies of Its Spectrum).- Interference of the Hydrogen Atom States ( $n=2$ ).- Separated Oscillatory Field Measurement of the Lamb Shift in H,  $n=2$ .- Hydrogen Spectroscopy and Fundamental Physics.- Doppler-Free Two-Photon Spectroscopy of Hydrogen Rydberg States: Remeasurement of  $R$ ?.- Two-Photon Transitions Between Discrete States.- Two-Photon Spectroscopy of Hydrogen  $1S-2S$ .-  $1S-2S$  Transition-Frequency Calibration.- High Resolution Spectroscopy of Hydrogen.- Trapped Atomic Hydrogen.- Atomic Hydrogen in a Magnetic Trapping Field.- Frequency Standards in the Optical Spectrum.- Precision RF Spectroscopy of Circular Rydberg Atoms.- II Positronium, Muonium, and Other Hydrogen-Like Systems.- Laser Spectroscopy of Positronium and Muonium.- Positronium Decay Rates.- New Schemes for the Production and Spectroscopy of Positronium.- Some Recent Advances in Muonium.- Transitions in Muonic Helium Ions Induced Laser Radiation.- Positrons for Low Energy Antihydrogen Production.- Antihydrogen Positronium-Antiproton Interaction.- Antiprotonic Hydrogen.- The Spectroscopy of Hydrogen-Like Highly Ionised Atoms.- III Quantum Electrodynamics and Beyond.- The Bound State Problem in QED.- Electron  $g - 2$  and High Precision Determination of  $\alpha$ .- General QED/QCD Aspects of Simple Systems.- Search for Parity Nonconservation in Hydrogen.- IV Hydrogen...



[Read The Hydrogen Atom Online](#)



[Download PDF The Hydrogen Atom](#)

## Relevant eBooks



[PDF] **Most cordial hand household cloth (comes with original large papier-mache and DVD high-definition disc) (Beginners Korea(Chinese Edition)**

Click the hyperlink below to download "Most cordial hand household cloth (comes with original large papier-mache and DVD high-definition disc) (Beginners Korea(Chinese Edition))" document.

[Read Document »](#)



[PDF] **Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback**

Click the hyperlink below to download "Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback" document.

[Read Document »](#)



[PDF] **The Voyagers Series - Africa: Book 2**

Click the hyperlink below to download "The Voyagers Series - Africa: Book 2" document.

[Read Document »](#)



[PDF] **Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book**

Click the hyperlink below to download "Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book" document.

[Read Document »](#)



[PDF] **Everything The Everything Baby Names Book Pick the Perfect Name for Your Baby by June Rifkin 2006 Paperback**

Click the hyperlink below to download "Everything The Everything Baby Names Book Pick the Perfect Name for Your Baby by June Rifkin 2006 Paperback" document.

[Read Document »](#)



[PDF] **God s Ten Best: The Ten Commandments Colouring Book**

Click the hyperlink below to download "God s Ten Best: The Ten Commandments Colouring Book" document.

[Read Document »](#)