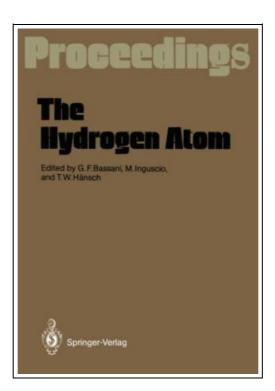
The Hydrogen Atom



Filesize: 6.51 MB

Reviews

This publication is fantastic. We have read through and i am certain that i will planning to read yet again yet again down the road. You wont feel monotony at at any time of your respective time (that's what catalogs are for concerning when you request me). (Alec Langosh)

THE HYDROGEN ATOM



To download **The Hydrogen Atom** eBook, make sure you refer to the web link below and save the document or gain access to additional information which might be related to THE HYDROGEN ATOM book.

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.- Ill Quantum Electrodynamics and Beyond.- The Bound State Problem in QED.- Electron g - 2 and High Precision Determination of ?.- 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

[PDF] Polly Oliver s Problem: A Story for Girls Follow the link beneath to download "Polly Oliver s Problem: A Story for Girls" file. Read ePub »
[PDF] Most cordial hand household cloth (comes with original large papier-mache and DVD high-definition disc) (Beginners Korea(Chinese Edition) Follow the link beneath to download "Most cordial hand household cloth (comes with original large papier-mache and DVD high-definition disc) (Beginners Korea(Chinese Edition)" file. Read ePub *
[PDF] Memoirs of Robert Cary, Earl of Monmouth Follow the link beneath to download "Memoirs of Robert Cary, Earl of Monmouth" file. Read ePub »
[PDF] The Voyagers Series - Africa: Book 2 Follow the link beneath to download "The Voyagers Series - Africa: Book 2" file. Read ePub »
[PDF] Gypsy Breynton Follow the link beneath to download "Gypsy Breynton" file. Read ePub »
[PDF] Aeschylus

Γ	Δ.
I =	= 1
	-

0F] Aeschylu L

»

Follow the link beneath to download "Aeschylus" file. Read ePub