



## Introduction to Atomic and Molecular Spectroscopy

---

By V. K. Jain

Alpha Science International Ltd. Hardback. Book Condition: new. BRAND NEW, Introduction to Atomic and Molecular Spectroscopy, V. K. Jain, "Introduction to Atomic and Molecular Spectroscopy" discusses one electron system, Vector Representation of Momenta and Vector Coupling Approximations, Atomic spectra of hydrogen atom, Alkali metal atoms, Helium and two valence electron systems, X-ray spectroscopy, Hyperfine structure and isotope shifts, linewidths, effect of external fields on atoms, electron spin resonance, nuclear magnetic resonance, Mossbauer spectroscopy, rotational, vibrational and electronic spectra of diatomic molecules, Raman effect, basic concepts of lasers and its applications. Designed as a Textbook for Graduate, Postgraduate and research Students of Physics and Chemistry. It attempts to emphasize the physical basis of the subject without undue neglect of the mathematical aspects.



**READ ONLINE**

**[ 3.95 MB ]**

### Reviews

*Merely no words to explain. I really could comprehend everything out of this published e ebook. I found out this publication from my dad and i suggested this publication to learn.*

**-- Prof. Margarita Ledner PhD**

*This written pdf is fantastic. It normally is not going to expense a lot of. It is extremely difficult to leave it before concluding, once you begin to read the book.*

**-- Gilbert Stroman**