



Current Developments in Atomic, Molecular, and Chemical Physics with Applications

By Mohan, Man

Book Condition: New. Publisher/Verlag: Springer, Berlin | Proceedings of an International Conference on Current Developments in Atomic, Molecular, and Chemical Physics with Applications, held March 20-22, 2002, in Delhi, India. The 38 chapters cover a broad range of research activities categorized into four sub-topics, namely: Processes in Laser Fields, Chemical Physics, Collision Processes, Atomic Structure and Applications. | Part I: Processes In Laser Fields. 1. Generation of Photon Number States on Demand; H. Walther. 2. Polarization-Dependent Spectra in the Photoassociative Ionisation of Cold Atoms in a Bright Sodium Beam; J. Weiner, W. Degraffenreid, J. Ramirez-Serrano. 3. Dynamic Imaging of Molecular Motion with Ultrashort Intense Laser Pulses; A.D. Bandrauk, S. Chelkowski. 4. Fractal Singularities and the Rate of Multiphoton Dissociation; V. Constantoudis, C.A. Nicolaides. 5. Multiphoton Processes in Laser Field; M. Mohan, R. Kundliya. 6. Femtosecond Ionization of CH₃-CN-NaI and CH₃-CN-CsI; E. Charron, D.T. Stibbe, A. Suzor Wiener. 7. Study of Intramolecular Dynamics of Highly Energised Small Molecules Using Laser Spectroscopic Techniques; A.P. Mishra, R.L. Thom, S. Altunata, R.W. Field. 8. Quantum Dynamics of Polyatomic Molecules; V. Prasad, N. Singhal. 9. Study of Excited State Dynamics to Improve the Potical Limiting Performance of Tetra Tolyl Porphrins; D. Narayana Rao, P.P. Kiran,...



READ ONLINE
[5.45 MB]

Reviews

Here is the finest publication i have read through until now. I am quite late in start reading this one, but better then never. I am just easily can get a pleasure of studying a created publication.

-- **Morgan Bashirian**

It in a single of the most popular ebook. Indeed, it can be play, still an interesting and amazing literature. I am quickly will get a satisfaction of reading a created pdf.

-- **Lennie Renner**