

1. Record Nr.	UNINA9910449838803321
Titolo	Latest advances in atomic cluster collisions [[electronic resource] ] : fission, fusion, electron, ion and photon impact // edited by Jean-Patrick Connerade, Andrey V. Solov'yov
Pubbl/distr/stampa	London, : Imperial College Press, c2004
ISBN	1-281-86668-7 9786611866686 1-86094-680-1
Descrizione fisica	1 online resource (398 p.)
Altri autori (Persone)	ConneradeJ. P Solov'yovAndrey V
Disciplina	539.757
Soggetti	Collisions (Nuclear physics) Microclusters Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface; CONTENTS; Introduction; Structure and Properties of Atomic Clusters; Photoabsorption and Photoionization of Clusters; Fission and Fusion Dynamics of Clusters; Electron Scattering on Clusters; Clusters in Laser Fields; Ion-Cluster Collisions; Clusters on a Surface; LIST OF PARTICIPANTS
Sommario/riassunto	This comprehensive volume surveys the general aspects of atomiccluster science and outlines some of its important new challenges. Itbegins by detailing the recent advances in the understanding ofstructure and the essential properties of selected atomic clustersystems, fullerenes and confined atoms.