1. Record Nr. UNIPARTHENOPE000024133

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|---|---|
| Autore | Tenani, Mario |
| Titolo | Nozioni teoriche fondamentali sulla formazione e trasformazione delle onde : nuovi metodi grafici di calcolo e di previsione / M. Tenani |
| Pubbl/distr/stampa | Genova : Istituto idrografico della marina, 1952 |
| Titolo uniforme | Nozioni teoriche fondamentali sulla formazione e trasformazione delle onde |
| Descrizione fisica | 126 p., [4]c. di tav. ripieg. : ill. ; 24 cm |
| Disciplina | 551.46 |
| Collocazione | S 551.46/5<br>DEP II 0220 |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

2. Record Nr. UNINA9910458247703321

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|---|---|
| Autore | Larsson Mats (Physics teacher) |
| Titolo | Dissociative recombination of molecular ions / / Mats Larsson and Ann E. Orel [[electronic resource]] |
| Pubbl/distr/stampa | Cambridge : , : Cambridge University Press, , 2008 |
| ISBN | 1-107-17457-0<br>1-281-37060-6<br>9786611370602<br>0-511-39422-5<br>0-511-39214-1<br>0-511-39487-X<br>0-511-39091-2<br>0-511-53540-6<br>0-511-39345-8 |
| Descrizione fisica | 1 online resource (ix, 380 pages) : digital, PDF file(s) |
| Collana | Cambridge molecular science |
| Disciplina | 539/.6 |
| Soggetti | Ion recombination<br>Dissociation<br>Ions<br>Electrons<br>Molecular structure |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from publisher's bibliographic system (viewed on 05 Oct 2015). |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Cover; Half-title; Title; Copyright; Contents; Preface; 1 Introduction; 2 Experimental methods; 3 Theoretical methods; 4 The H2+ molecule; 5 Diatomic hydride ions; 6 Diatomic ions; 7 The H3+ molecule; 8 Polyatomic ions; 9 Related processes; 10 Applications; References; Index |
| Sommario/riassunto | Dissociative recombination (DR) of molecular ions with electrons is a complex, poorly understood molecular process. Its critical role as a neutralising agent in the Earth's upper atmosphere is now well established and its occurrence in many natural and laboratory-produced plasma has been a strong motivation for studying the event. |

In this book theoretical concepts, experimental methodology and applications are united, revealing the governing principles behind the gas-phase reaction. The book takes the reader through the intellectual challenges posed, describing in detail dissociation mechanisms, dynamics, diatomic and polyatomic ions and related processes, including dissociative excitation, ion pair formation and photodissociation. With the final chapter dedicated to applications in astrophysics, atmospheric science, plasma physics and fusion research, this is a focused, definitive guide to a fundamental molecular process. The book will appeal to academics within physics, physical chemistry and related sciences.

3. Record Nr. UNIORUON00204006

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|---|---|
| Autore | BAUCHAU, Henry |
| Titolo | Gengis Khan / Henry Bauchau |
| Pubbl/distr/stampa | Paris, : Actes Sud-Papiers, c1989 |
| ISBN | 28-694-3202-X |
| Descrizione fisica | 90 p. ; 21 cm. |
| Disciplina | B842 |
| Lingua di pubblicazione | Francese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |