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| 1. Record Nr. | UNISA996391496703316 |
| Autore | W. H |
| Titolo | A changling no company for lovers of loyaltie, or The subjects lesson in poynt of sacred submission to, and humble compliance with God and the King; [[electronic resource]] : wherein confusion is reduced to order, misery to mercy; reproach and shame to freedom and honour |
| Pubbl/distr/stampa | London, : printed by M. Simmons, for Thomas Parkhurst, and are to be sold at the three Crowns, at the lower end of Cheapside, 1660 |
| Descrizione fisica | [8], 48 p |
| Soggetti | Sermons, English - 17th century |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | To the reader signed: W.H. Annotation on Thomason copy: "April. 16". Reproduction of the original in the British Library. |
| Sommario/riassunto | eebo-0018 |

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| 2. Record Nr. | UNINA9910437980203321 |
| Autore | Brooks Robert L |
| Titolo | The Fundamentals of Atomic and Molecular Physics // by Robert L Brooks |
| Pubbl/distr/stampa | New York, NY : , : Springer New York : , : Imprint : Springer, , 2013 |
| ISBN | 1-4614-6678-4 |
| Edizione | [1st ed. 2013.] |
| Descrizione fisica | 1 online resource (X, 179 p. 24 illus.) |
| Collana | Undergraduate Lecture Notes in Physics, , 2192-4791 |
| Disciplina | 539.7 |
| Soggetti | Atoms Physics Chemistry, Physical and theoretical Atomic, Molecular, Optical and Plasma Physics Mathematical Methods in Physics Theoretical and Computational Chemistry |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |
| Nota di contenuto | Part I: Atoms -- Central Forces and Angular Momentum -- Complex Atoms -- Electro- and Magnetostatic Interactions -- Transition Probabilities -- Part II: Molecules -- Electronic Structure of Diatomic Molecules -- Vibrations and Rotations of Diatomic Molecules -- Appendix A. Some Atomic Constants -- Appendix B. Polynomials and Spherical Harmonics -- Appendix C. Some Tensor Background -- Appendix D. Magnetic Dipole Interaction Energy. . |
| Sommario/riassunto | The Fundamentals of Atomic and Molecular Physics is intended as an introduction to the field for advanced undergraduates who have taken quantum mechanics. Each chapter builds upon the previous, using the same tools and methods throughout. As the students progress through the book, their ability to use these tools will steadily increase, along with their confidence in their efficacy. The book treats the two-electron atom as the simplest example of the many-electron atom—as opposed to using techniques that are not applicable to many-electron atoms—so that it is unnecessary to develop additional equations when turning to multielectron atoms, such as carbon. External fields are treated using both perturbation theory and direct diagonalization and |

spontaneous emission is developed from first principles. Only diatomic molecules are considered with the hydrogen molecular ion and neutral molecule treated in some detail. This comprehensive coverage of the quantum mechanics of complex atoms and simple diatomic molecules, developed from the very basic components, is extremely useful for students considering graduate studies in any area of physics.
