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Titolo	Ideas, Images, and Methods of Portrayal : Insights into Classical Arabic Literature and Islam // edited by Sebastian Günther
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword (By Tarif Khalidi); Preface and Acknowledgments; Introduction (By Sebastian Gunther); Chapter One Context Equivalence: A Hitherto Insufficiently Studied Use of the Quran in Political Speeches from the Early Period of Islam (By Stephan Dahne); Chapter Two Classical Heritage and New Literary Forms: Literary Activities of Christians during the Umayyad Period (By Ute Pietruschka); Chapter Three Refuting the Charge of Tahrif: Abu Ra'ita (d. ca. 835) and his ""First Risala on the Holy Trinity"" (By Sandra Toenies Keating) Chapter Four Meeting the Patron: An Akhbar Type and its Implications for Muhdath Poetry (By Beatrice Gruendler)Chapter Five Advice for Teachers: The 9th Century Muslim Scholars Ibn Sahnun and al-Jahiz on Pedagogy and Didactics (By Sebastian Gunther); Chapter Six Medieval Muslim Scholarship and Social Network Analysis: A Study of the Basra/Kufa Dichotomy in Arabic Grammar (By Monique Bernards);

Chapter Seven The Contribution of the Mawali to the Six Sunnite Canonical Hadith Collections (By John Nawas)
Chapter Eight Portrayal of the Hajj as a Context for Women's Exegesis: Textual Evidence in al-Bukhari's (d. 870) "al-Sahih" (By Aisha Geissinger)
Chapter Nine Image Formation of an Islamic Legend: Fatima, the Daughter of the Prophet Muhammad (By Verena Klemm); Chapter Ten Narratives and Character Development: Al-Tabari and al-Baladhuri on Late Umayyad History (By Steven C. Judd); Chapter Eleven "The Alchemy of Happiness": Al-Ghazali's Kimiya and the Origins of the Khwajagan-Naqshbandiyya Principles (By Alexei A. Khismatulin)
Chapter Twelve Taqlid of the Philosophers: Al-Ghazali's Initial Accusation in his Tahafut (By Frank Griffel)
Chapter Thirteen The Spread of Zahirism in Post-Caliphal al-Andalus: The Evidence from the Biographical Dictionaries (By Camilla Adang); Chapter Fourteen Working within Structure: Al-Zamakhshari (d. 1144): A Late Mu'tazilite Quran Commentator at Work (By Andrew J. Lane); Chapter Fifteen The First Islamic Revolt in Mamluk Collective Memory: Ibn Bakr's (d. 1340) Portrayal of the Third Caliph 'Uthman (By Heather Keaney)
Chapter Sixteen The Sword and the Pen in the Pre-Modern Arabic Heritage: A Literary Representation of an Important Historical Relationship (By Adrian Gully)
About the Authors; Indices

Sommario/riassunto

This volume deals with the genesis of selected classical Arabic texts as the products of different milieus, and the implications which these texts had for Islamic societies in medieval times. It explores the concepts and images which Muslim scholars from the 8th to the 14th century presented in their writings and, in particular, ponders the ways in which these authors used specific methods of portrayal-either overtly or more subtly-to advance their ideas. The fresh theoretical and methodological approaches applied in this book facilitate the understanding of how medieval Muslim writers expressed their views and, more importantly, why they expressed them in the way they did. This helps disclose, for example, how the images of historically or religiously significant figures in Arabic-Islamic culture have been developed and shaped in the process of their "literarization."

2. Record Nr.	UNINA9910782233803321
Titolo	Advances in multi-photon processes and spectroscopy [[electronic resource]] . Volume 17 // edited by S.H. Lin, A.A. Vilaeys, Y. Fujimura
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Collana	Advances in Multi-Photon Processes and Spectroscopy ; ; v.17
Altri autori (Persone)	FujimuraY (Yuichi) LinS. H <1937-> (Sheng Hsien) VillaeysA. A
Disciplina	543.8
Soggetti	Molecular spectra Multiphoton processes Spectrum analysis
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Nota di contenuto	CONTENTS; Preface; 1 Probing Orbital Symmetries and Ionization Dynamics of Simple Molecules With Femtosecond Laser Pulses C. D. Lin and X. M. Tong; 1.1. Introduction; 1.2. Probing Molecular Orbital Symmetry with Sub-10 fs Laser Pulses; 1.2.1. Molecular tunneling ionization theory; 1.2.2. Alignment dependence of tunneling ionization rates and the symmetry of molecular orbitals; 1.3. Attosecond Molecular Clocks: Time-Resolved Double Ionization Dynamics of H2 and D2 Molecules; 1.3.1. Dynamics of double ionization of H2 by femtosecond lasers 1.3.2. Theory of double ionization of H2 by femtosecond lasers: rescattering region 1.3.3. Control the time sequence of double ionization by tuning laser parameters; 1.4. Probing Nonclassical Vibrational Wave Packets on Two Potential Surfaces; 1.5. Summary and Discussion; Acknowledgments; References; 2 Generalization and Application to Molecular Systems of Keldysh's Atomic Photoionization Theory K. Mishima, K. Nagaya, M. Hayashi, S. H. Lin and E. W. Schlag; 2.1. General Introduction; 2.2. Original Atomic Keldysh Theory; 2.3.

Generalization of the Original Atomic Keldysh Theory

2.3.1. Introduction 2.3.2. Theory-atomic case; 2.3.3. Theory-diatomic molecule case; 2.3.4. Results and discussion; 2.4. Coulomb Correction of the Atomic Keldysh Theory; 2.4.1. Introduction; 2.4.2. Theory; 2.4.3. Results and discussion; 2.5. Application to Large Polyatomic Molecules; 2.5.1. Introduction; 2.5.2. Theory; 2.5.2.1. Molecular Coulomb-corrected Volkov function of electron; 2.5.2.2. Photoionization rate of spatially aligned molecules in the linearly polarized electric field; 2.5.3. Computational method - ab initio calculation; 2.5.4. Numerical results and discussion
2.5.4.1. Ab initio calculation 2.5.4.2. Photoionization rates of all-trans polyacetylene radicals (C_nH_{n+2} , $n = 3, 5, 7, 9, 13, 27$); 2.6. Extension of the Atomic Keldysh Theory to Molecular Photoionization Processes; 2.6.1. Introduction; 2.6.2. Theory; 2.6.3. Computational methods; 2.6.3.1. Ab initio calculation; 2.6.3.2. Calculation of Franck-Condon factors; 2.6.4. Numerical results and discussion; 2.6.5. Introduction; 2.6.6. Theory; 2.6.7. Computational methods; 2.6.7.1. Ab initio calculation; 2.6.7.2. Calculation of potential energy curves and Franck-Condon factors
2.6.8. Numerical results and discussion 2.7. Towards the Realization of the Quantum Chemistry Approach to Tunneling Photoionization Processes in Strong Laser Fields; 2.8. Ab Initio/RRKM Approach to the Elucidation of the Mechanism of Photoionization and Photodissociation of Molecules in Intense Laser Fields; 2.9. Conclusion; Acknowledgments; Appendix; Appendix A. Saddle-Point Method for Integrals with a Singularity; Appendix B. Compact Forms of $L(p)$ Defined by Eq. (64); Appendix C. Definition of $N(r, w, I_0, I_0, B, C)$ in Eqs. (66) and (79)
Appendix D. Definition of $N(r, r, w, I_0, A, B)$ and Integrated Form of Eq. (121)

Sommario/riassunto

Among others, chemistry, physics, biology, and material sciences have seen a rapid growth in both experimental and theoretical studies of multi-photon processes and spectroscopy of atoms, ions and molecules. This book is an important addition to an advanced series that contains review papers readable not only by active researchers in these areas, but also by those who are intending to enter the field. Written by experts in the area, the reviews are self-contained to allow readers to grasp the key concepts without much preparation. This volume will be useful to active researchers as well
