

1. Record Nr.	UNINA9910953723503321
Autore	Bashier Salman H. <1964->
Titolo	Ibn al-Arabi's Barzakh : the concept of the limit and the relationship between God and the world // Salman H. Bashier
Pubbl/distr/stampa	Albany, : State University of New York Press, 2004
ISBN	0-7914-8434-3 1-4237-3957-4
Descrizione fisica	1 online resource (221 p.)
Disciplina	181/.92
Soggetti	Intermediate state - Islam Creation (Islam)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references (p. [187]-195) and index.
Nota di contenuto	Front Matter -- Contents -- Acknowledgments -- Abbreviations -- Introduction -- Ibn al-Arab's Liminal (Barzakh) Theory of Representation: An Outlook from the Present Situation -- Creation ex nihilo, Creation in Time, and Eternal Creation: Ibn Sn versus the Theologians -- Ibn Rushd versus al-Ghazl on the Eternity of the World -- Mysticism versus Philosophy: The Encounter between Ibn al-Arab and Ibn Rushd -- The Barzakh -- The Third Entity: The Supreme Barzakh -- The Perfect Man: The Epistemological Aspect of the Third Thing -- The Limit Situation -- Conclusions -- Notes -- Bibliography -- Index
Sommario/riassunto	This book explores how Ibn al-'Arabi (1165–1240) used the concept of barzakh (the Limit) to deal with the philosophical problem of the relationship between God and the world, a major concept disputed in ancient and medieval Islamic thought. The term "barzakh" indicates the activity or actor that differentiates between things and that, paradoxically, then provides the context of their unity. Author Salman H. Bashier looks at early thinkers and shows how the synthetic solutions they developed provided the groundwork for Ibn al-'Arabi's unique concept of barzakh. Bashier discusses Ibn al-'Arabi's development of the concept of barzakh ontologically through the notion of the Third Thing and epistemologically through the notion of the Perfect Man, and compares Ibn al-'Arabi's vision with Plato's.

2. Record Nr.	UNINA9910964244503321
Titolo	Bose-Einstein condensates : theory, characteristics, and current research / / Paige E. Matthews, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
ISBN	1-61728-736-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (277 p.)
Collana	Physics research and technology
Altri autori (Persone)	MatthewsPaige E
Disciplina	530.4/2
Soggetti	Bose-Einstein condensation Condensation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""BOSE EINSTEIN CONDENSATES:THEORY, CHARACTERISTICSAND CURRENT RESEARCH""; ""PHYSICS RESEARCH AND TECHNOLOGY""; ""CONTENTS""; ""PREFACE""; ""NEW APPROACH TO SPINOR BOSE-EINSTEINCONDENSATES""; ""Abstract""; ""1. Introduction""; ""2. General Formalism for the Spin Dynamics""; ""2.1. Overview""; ""2.2. Spin Representations of a Quantum 2-States System""; ""2.3. The Canonical Variables""; ""2.4. A Consequence of the Ehrenfest Theorem""; ""3. Spin Dynamics of the 2-states Bose-Einstein Condensate""; ""3.1. Basic Equations""; ""3.2. The Zero-Temperature Case: Deterministic Behavior"" ""3.2.1. Constant Magnetic Field along an Axis Perpendicular to the z-Direction""""3.2.2. The Rotating Transverse Magnetic Field""; ""3.2.3. The Modulated Transverse Magnetic Field""; ""3.3. The Finite-Temperature Case: Stochastic Behavior""; ""3.3.1. The Fokker-Planck Equation""; ""3.3.2. Derivation of the Fokker-Planck Equation Using the Functional Integral Approach""; ""4. Spin Dynamics of aMulti-component Bose-Einstein Condensate:Tunneling Phenomena""; ""4.1. Basic Equations""; ""4.2. Tunneling Rate""; ""4.3. Specific Examples of Tunneling""; ""4.3.1. Model(I)""; ""4.3.2. Model(II)"" ""5. Conclusion""""Appendix A""; ""References""; ""QUANTUM INTERFERENCE IN THETIME-OF-FLIGHT DISTRIBUTION FOR

ATOMICBOSE-EINSTEIN CONDENSATES""; ""Abstract""; ""1. Introduction""; ""2. Interference in the Quantum Time-of-flight Distribution for Bose-Einstein Condensate""; ""2.1. Vertical Setup""; ""2.2. Horizontal Setup""; ""3. Numerical Results and Discussions""; ""4. Summary and Conclusion""; ""Acknowledgments""; ""References""; ""ON THE DYNAMICS OF NONCONSERVATIVEBOSE-EINSTEIN CONDENSATES IN TRAPPEDDILUTE GASES""; ""Abstract""; ""1. Nonconservative Bose-Einstein Condensates""; ""2. The Mean-field Approach""; ""3. Techniques for the Resolution of Nonlinear Schrödinger Equations""; ""3.1. Time Independent Variational Approach""; ""3.2. Time Dependent Variational Approach""; ""3.3. Numerical Methods""; ""4. Unharmonic Trapping Potentials""; ""5. Nonlinear Phenomena in Bose-Einstein Condensates""; ""5.1. Liquid-Gas Phase Transition in Nonconservative Bose-Einstein Condensates""; ""5.2. Spatiotemporal Chaos in Bose-Einstein Condensates""; ""5.3. Autosolitons in Bose-Einstein Condensates""; ""5.4. Coherent Dimer Formation Near Feshbach Resonances in Bose-Einstein Condensates""; ""6. Stability of Nonconservative Bose-Einstein Condensates""; ""7. Final Remarks""; ""References""; ""ELLIPTIC VORTICES IN SELF-ATTRACTIVEBOSE-EINSTEIN CONDENSATES""; ""Abstract""; ""1. Introduction""; ""2. The Model and Numerical Analysis for the Vortex Solitons""; ""3. Conclusion""; ""References""; ""CLASSICAL ELECTRODYNAMICS ANALOGY OF TWO-DIMENSIONAL BOSE-EINSTEIN CONDENSATES""; ""Abstract""; ""1. Introduction""; ""2. Two-dimensional BEC""; ""3. Mapping onto Electrodynamics""; ""4. Conservation of Energy""

Sommario/riassunto

This text gathers and presents research in this field including a new approach to Spinor Bose-Einstein condensates, elliptic vortices in self-attractive Bose-Einstein condensates and matter wave dark solitons in optical superlattices.
