

1. Record Nr.	UNINA9910146627803321
Autore	Shchepetilov Alexey V.
Titolo	Calculus and mechanics on two-point homogenous Riemannian spaces // Alexey V. Shchepetilov
Pubbl/distr/stampa	Berlin, Germany : , : Springer, , [2006] ©2006
ISBN	1-280-62742-5 9786610627424 3-540-35386-0
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (265 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 707
Disciplina	516.362
Soggetti	Riemannian manifolds Mathematical physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Introduction.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Two-Point Homogeneous Riemannian Spaces -- Differential Operators on Smooth Manifolds -- Algebras of Invariant Differential Operators on Unit Sphere Bundles Over Two-Point Homogeneous Riemannian Spaces -- Hamiltonian Systems with Symmetry and Their Reduction -- Two-Body Hamiltonian on Two-Point Homogeneous Spaces -- Particle in a Central Field on Two-Point Homogeneous Spaces -- Classical Two-Body Problem on Two-Point Homogeneous Riemannian Spaces -- Quasi-Exactly Solvability of the Quantum Mechanical Two-Body Problem on Spheres.
Sommario/riassunto	The present monograph gives a short and concise introduction to classical and quantum mechanics on two-point homogenous Riemannian spaces, with emphasis on spaces with constant curvature. Chapter 1-4 provide the basic notations from differential geometry for studying two-body dynamics in these spaces. Chapter 5 deals with the problem of finding explicitly invariant expressions for the two-body quantum Hamiltonian. Chapter 6 addresses one-body problems in a central potential. Chapter 7 studies the classical counterpart of the quantum system of chapter 5. Chapter 8 investigates some applications in the quantum realm, namely for the coulomb and oscillator

potentials.

2. Record Nr.	UNINA9910484660203321
Titolo	Artistic and Cultural Dialogues in the Late Medieval Mediterranean // edited by Maria Marcos Cobaleda
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2021
ISBN	9783030533663 3030533662
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (xxix, 288 pages) : illustrations
Collana	Mediterranean Perspectives, , 2731-5606
Disciplina	909.09822
Soggetti	Europe - History - 476-1492 Civilization - History World history Religion - History History of Medieval Europe Cultural History World History, Global and Transnational History History of Religion
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I. Al-Andalus Beyond al-Andalus: The Maghreb and the Mashriq -- 1. From the Islamic West to Cairo: Malikism, Ibn Tmart, al-Ghazl and al-Q 'ly's Death -- 2. The "Bestsellers" of al-Andalus -- 3. Spolia and Classical Revivals in Legitimacy Discourses: From Cordoba to the Mamluk Mosques of Cairo -- Part II. Andalus Legacy in Medieval Christian Art -- 4. Visual Traits of Otherness: Figurative Resources Used in the Depiction of Muslims in Mediterranean Romanesque Sculpture -- 5. Islamicate Goods in Gothic Halls: The Nachleben of Palma de Mallorca's Islamic Past -- 6. Granada and Castile in the Shared Context of the Islamic Art in the Late Medieval Mediterranean -- Part III. Andalus Cultural Legacy in the Iberian Societies -- 7. In the

Shadow of Toledo, Seville, and Granada: On the Historic Significance of Murcia for the Transmission of Islamic Knowledge in the Twelfth and Thirteenth Centuries -- 8. Islamic Legacy in Medieval Iberian Societies: Building Rules -- 9. From abs to habices: Continuity and Transformation of Pious Endowments after the Castilian Conquest of Nasrid Granada -- Part IV. Circulation of Cultural Goods in the Medieval Mediterranean -- 10. Siculo-Arabic, Andalusí and Fatimid Ivory Works: Iconographic Transfers and Visual Propaganda -- 11. Ornamental Transfers in Textile Production in Almohad and Nasrid Periods -- 12. Art and Science in al-Andalus and the Late Medieval Mediterranean Cultures: Almohad, Nasrid and Ayyubid Astrolabes in their Context -- Part V. Final Remarks -- 13. Final Remarks: ArtMedGIS Project: Artistic Exchanges between East and West in the Late Medieval Mediterranean.

Sommario/riassunto

This book analyses the artistic and cultural legacy of Western Islamic societies and their interactions with Islamic, Christian and Jewish societies in the framework of the late medieval Mediterranean, from a range of multi-disciplinary perspectives. The book, organised in four parts, addresses the Andalusí legacy from its presence in the East and the West; analyses the relations and transfers between Al-Andalus and the artistic productions of the Christian kingdoms of the Iberian Peninsula; explores other manifestations of the Andalusí legacy in the fields of knowledge, construction, identity and religious studies; and reconsiders ornamental transfers and exchanges in artistic manifestations between East and West across the Mediterranean basin. Chapter 2 is open access under a CC BY 4.0 license. María Marcos Cobaleda is Assistant Professor at the University of Malaga, Spain. She has previously held positions at EHESS, Paris, France, and at the Instituto de Estudos Medievais, Universidade Nova de Lisboa, Portugal. Her research focuses on the application of geographic information systems (GIS) to Islamic art history.
