1. Record Nr. UNINA9910807439803321

Titolo	Blockchain / / edited by Sandra Hirsh and Susan Alman
Pubbl/distr/stampa	Chicago : , : ALA Neal-Schuman, , 2020
ISBN	0-8389-4682-8 0-8389-4681-X
Descrizione fisica	1 online resource (xvi, 87 pages) : illustrations
Collana	Library futures ; ; 3 Gale eBooks ALA Center for the Future of Libraries
Disciplina	025.00285
Soggetti	Libraries - Technological innovations Libraries - Information technology Blockchains (Databases)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Understanding Blockchain -- From Medieval Origins to Modern Applications / Christina Cornejo and Stacey Johnson -- Blockchain and Decentralization Big Picture Opportunities and Risks / Jason Griffey -- Blockchain: Merits, Issues, and Challenges / Bohyun Kim -- Before the Hype -- Standards / Todd A. Carpenter -- Legal Considerations / Dan Blackaby -- Security / Tonia San Nicolas Roca -- Healthy Skepticism / Toby Greenwalt -- For the Future - Speculative Application -- Support for Scholarship and Scholarly Communications / MacKenzie Smith -- Credentialing and Continuing Education / Heather McMorrow and Amy Jiang -- Distributed Access to Library Metadata / Timothy A. Thompson -- Data Collection and Assessment / Annie Norman -- Lessons from Health Information Management / Victoria Lemieux -- Electronic Health Records / Frank Cervone -- Born-Digital and Digital First Content / JohnBracken and Michael Della Bitta -- Community-based Collections / M. Ryan Hess -- For the Present -- Blockchain Education for Communities / Link Swanson.
Sommario/riassunto	"This book in the Library Futures Series examines blockchain technology, a concept with far-reaching implications for the future of record keeping"--

2. Record Nr. UNINA9910734832003321

Autore	Moretti Valter
Titolo	Analytical Mechanics : Classical, Lagrangian and Hamiltonian Mechanics, Stability Theory, Special Relativity / / by Valter Moretti
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-27612-4
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (848 pages)
Collana	La Matematica per il 3+2, , 2038-5757 ; ; 150
Disciplina	531.01515
Soggetti	Mathematics Mechanics, Applied Mechanics Mathematical physics Engineering Mechanics Classical Mechanics Theoretical, Mathematical and Computational Physics Mecànica analítica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1 The Space and Time of Classical Physics -- 2 The Spacetime of Classical Physics and Classical Kinematics -- 3 Newtonian dynamics: a conceptual critical review -- 4 Balance equations and first integrals in Mechanics -- 5 Introduction to Rigid Body Mechanics -- 6 Introduction to stability theory with applications to Mechanics -- 7 Foundations of Lagrangian Mechanics -- 8 Symmetries and conservation laws in Lagrangian Mechanics -- 9 Advanced topics in Lagrangian Mechanics -- 10 Mathematical introduction to Special Relativity and the relativistic Lagrangian formulation -- 11 Fundamentals of Hamiltonian Mechanic -- 12 Canonical Hamiltonian theory, Hamiltonian symmetries and Hamilton-Jacobi theory -- 13 Hamiltonian symplectic structures: an introduction -- 14 Complement: elements of the theory of ordinary differential equations -- 15 Complement: the physical principles at the foundations of Special Relativity -- Appendix A: elements of Topology, Analysis, Linear Algebra and Geometry -- Appendix B: advanced topics

	in Differential Geometry -- Appendix C: Solutions and/or hints to suggested exercises.
Sommario/riassunto	This textbook aims at introducing readers, primarily students enrolled in undergraduate Mathematics or Physics courses, to the topics and methods of classical Mathematical Physics, including Classical Mechanics, its Lagrangian and Hamiltonian formulations, Lyapunov stability, plus the Liouville theorem and the Poincaré recurrence theorem among others. The material also rigorously covers the theory of Special Relativity. The logical-mathematical structure of the physical theories of concern is introduced in an axiomatic way, starting from a limited number of physical assumptions. Special attention is paid to themes with a major impact on Theoretical and Mathematical Physics beyond Analytical Mechanics, such as the Galilean symmetry of classical Dynamics and the Poincaré symmetry of relativistic Dynamics, the far-fetching relationship between symmetries and constants of motion, the coordinate-free nature of the underpinning mathematical objects, or the possibility of describing Dynamics in a global way while still working in local coordinates. Based on the author’s established teaching experience, the text was conceived to be flexible and thus adapt to different curricula and to the needs of a wide range of students and instructors.