

1. Record Nr.	UNINA9910978382803321
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Titolo	Einstein's Legacy : From General Relativity to Black Hole Mysteries / / by Galina Weinstein
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031735721 3031735722
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (629 pages)
Collana	History of Physics, , 2730-7557
Disciplina	509
Soggetti	Physics - History General relativity (Physics) Gravitation History of Physics and Astronomy General Relativity Gravitational Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Journey Through Relativity 1912-1916: From Covariance to Entwurf and Back Again -- Schwarzschild, Droste, and Nordström Solve Einstein's Field Equations -- Ripples, Rotations, and the Kerr Black Hole -- Challenging General Relativity: Black Hole Thermodynamics -- Addressing the Conict Between Quantum Mechanics and General Relativity.
Sommario/riassunto	This book offers a comprehensive exploration into the intertwined realms of Einstein's theory of general relativity, the discoveries of black holes, and the quantum conundrums that challenge our understanding of the universe. It delves into the fascinating journey from the birth of general relativity to the cutting-edge debates surrounding black holes, wormholes, and quantum physics. The narrative weaves through the historical milestones, including Schwarzschild's 1916 solution, the emergence of black holes in theoretical physics, and the ongoing quest to reconcile general relativity with quantum mechanics. Central to the book is exploring the information paradox and its implications for modern physics, shedding light on the profound questions and

theoretical challenges that have captivated physicists for decades. It also critically examines the ER=EPR conjecture, a pivotal idea proposed by Leonard Susskind and Juan Maldacena, which suggests a deep connection between entangled quantum particles and the structure of spacetime. In addition, the book engages with contemporary theoretical experiments on wormholes, framed within Nancy Cartwright's philosophical theories, offering a unique perspective on the reliability and interpretation of these groundbreaking scientific concepts. The main topics covered are not only crucial for understanding the universe but also embody the ongoing quest for a unified theory in physics. They represent the cutting edge of scientific inquiry, where the mysteries of black holes, the fabric of spacetime, and the perplexities of quantum mechanics converge. This book is designed for physicists, historians of science, and academically inclined readers interested in the evolution of theoretical physics and the groundbreaking ideas that have shaped our understanding of the cosmos. It offers a detailed yet accessible narrative, making it an invaluable resource for anyone seeking to grasp the complexities and triumphs of modern physics.

2. Record Nr.	UNINA9910728384803321
Titolo	Knowledge Management in Organisations : 17th International Conference, KMO 2023, Bangkok, Thailand, July 24–27, 2023, Proceedings // edited by Lorna Uden, I-Hsien Ting
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	9783031340451 3031340450
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (445 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1825
Disciplina	016.34951249
Soggetti	Artificial intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.

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KMO 2023, held in Bangkok, Thailand, during July 24–27, 2023. The 32 full papers included in this book were carefully reviewed and selected from 73 submissions. They were organized in topical sections as follows: Knowledge Transfer & Sharing, Knowledge in Business & Organisation, Digital Transformation and Innovation, Data Analysis and Science, KM and Education, Knowledge Management Process and Model, Information & Knowledge Systems, IT & New Trends in KM, Healthcare.
