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	Titolo	Proceedings of the Sixth Meeting on CPT and Lorentz Symmetry, Bloomington, USA, 17-21 June 2013 / / editor, V. Alan Kostelecky, Indiana University, USA
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	ISBN	981-4566-43-8
	Descrizione fisica	1 online resource (xiii, 278 pages) : illustrations
	Collana	Gale eBooks
	Disciplina	530.11 539.7 539.725
	Soggetti	CP violation (Nuclear physics) Lorentz groups
	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.
	Nota di contenuto	Preface; CONTENTS; Bounds on LLI Violation and Long-Range Spin-Spin Interactions Using Hg, Cs, and the Earth; 1. Introduction; 2. The second generation Hg-Cs LLI experiment; 3. Using our results to limit spin-spin interactions; 4. Future prospects; Acknowledgments; References; Antihydrogen, CPT, and Naturalness; 1. Introduction; 2. Naturalness and CPT; 3. Antihydrogen experiments at the CERN AD; Acknowledgments; References; Testing Lorentz Symmetry with the Double Chooz Experiment; 1. Double Chooz; 2. Sidereal variation analysis; 3. SME coefficient limits; References 3. SME coefficicents for Lorentz violation in binary PSRs4. Future prospects; Acknowledgments; References; A New Approach to Search for Lorentz Invariance Violationin Decay; 1. Ways to observe LIV in decay; 2. Experimental method; 3. Outlook; Acknowledgments; References; Relevance and Prospects of Magic Telescope Gamma-Ray Observations for Lorentz Symmetry Tests; 1. The MAGIC telescopes; 2. Lorentz invariance tests; 3. Quantification of time delays; 4. Present reach using very high-energy gamma-rays; 4.1. Pulsed emission from the Crab nebula; 4.2. Gamma-ray bursts

Sommario/riassunto	This book contains the Proceedings of the Sixth Meeting on CPT and Lorentz Symmetry, held at Indiana University in Bloomington on June 17-21, 2013. The Meeting focused on tests of these fundamental symmetries and on related theoretical issues, including scenarios for possible violations. Topics covered at the meeting include searches for CPT and Lorentz violations involving: accelerator and collider experiments; atomic, nuclear, and particle decays; birefringence, dispersion, and anisotropy in cosmological sources; clock-comparison measurements; electromagnetic resonant cavities and lasers; te

2. Record Nr.	UNINA9911011774503321
Autore	Barbato Michele
Titolo	Beyond Frontiers of Operations Research: Emerging Technologies and Innovative Optimization Paradigms : Proceedings of the 7th AIROYoung Workshop (February 15-17, 2023, University of Milan, Italy) and 8th AIROYoung Workshop (February 14-16, 2024, University of Calabria, Italy) / / edited by Michele Barbato, Annarita De Maio, Giusy Macrina, Lorenzo Peirano, Marco Premoli
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ISBN	3-031-85894-8
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (198 pages)
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Altri autori (Persone)	De MaioAnnarita MacrinaGiusy PeiranoLorenzo PremoliMarco
Disciplina	519
Soggetti	Mathematics Computer science - Mathematics Mathematical optimization Applications of Mathematics Mathematical Applications in Computer Science Optimization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Interactions between Operations Research and Machine Learning -- From Roads to Rails: Bridging the Gap in Signal Recognition Through Computer Vision -- On the hardness of Edge Coloring Problems Associated with Scheduling -- Machine Learning Algorithms for supporting Optimization in Defining Yard Stacking Strategies -- Assessing the academic performance of Italian students using an explainable machine learning approach -- Integrating Human-Centric AI in Fashion Industry Optimization: A Step Towards Industry 5.0.
Sommario/riassunto	This book is the result of the presentations given at the 7th AIROYoung Workshop (University of Milan, Italy—February 15 to 17, 2023) and 8th

AIROYoung Workshop (University of Calabria, Italy—February 14 to 16, 2024). The selected contributions represent the state-of-the-art knowledge related to several areas of operations research, optimization and data science. The target audience of this book is primarily composed of Ph.D. students and early or experienced researchers in optimization and operations research. Due to its interdisciplinary content, it is of high interest to other closely related research communities. Moreover, it is of interest also for practitioners facing complex decision-making problems in these areas.