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Collana	Einstein Studies, , 2381-5841 ; ; 17
Disciplina	530.142
Soggetti	Physics - History Physics General relativity (Physics) Gravitation History of Physics and Astronomy Conceptual Development in Physics General Relativity Gravitational Physics Teories del camp unificat Llibres electrònics
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Focus on Mathematics -- Einstein and Projective Geometry -- Different Pathways to the Generalization of Kaluza's Theory -- Einstein's Further Considerations on the Generalized Kaluza Theory -- Considerations on Delta Functions -- Methodological Reflections -- Conclusion.
Sommario/riassunto	This book meticulously examines over one hundred documents of research notes by Albert Einstein, many of which were previously unidentified, held in the archives of The Hebrew University of Jerusalem and the Einstein Papers Project at Caltech. Focused on Einstein's quest for a five-dimensional unified field theory of gravitation and electromagnetism, the analysis provides unique insights into his mathematical skills, thinking, and modus operandi. This academic exploration also investigates the role of mathematics in Einstein's

theorizing with a special focus on projective geometry and delta functions.
