1. Record Nr. UNINA9910454671003321

Autore	Esposito Giampiero
Titolo	Complex general relativity [[electronic resource] /] / by Giampiero Esposito
Pubbl/distr/stampa	Dordrecht ; ; Boston, : Kluwer Academic Publishers, c1995
ISBN	1-280-53714-0 9786610537143 0-306-47118-3
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (219 p.)
Collana	Fundamental theories of physics ; ; v. 69
Disciplina	530.1/1
Soggetti	General relativity (Physics) Quantum gravity Supersymmetry Electronic books.
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 (p. 187-194) and index.
Nota di contenuto	Spinor form of General Relativity -- to Complex Space-Time -- Two-Component Spinor Calculus -- Conformal Gravity -- Holomorphic Ideas in General Relativity -- Twistor spaces -- Penrose Transform for Gravitation -- Torsion and Supersymmetry -- Complex Space-Times with Torsion -- Spin-1/2 Fields in Riemannian Geometries -- Spin-3/2 Potentials -- Mathematical Foundations -- Underlying Mathematical Structures.
Sommario/riassunto	This book is written for theoretical and mathematical physicists and mat- maticians interested in recent developments in complex general relativity and their application to classical and quantum gravity. Calculations are presented by paying attention to those details normally omitted in research papers, for pedagogical r- sons. Familiarity with fibre-bundle theory is certainly helpful, but in many cases I only rely on two-spinor calculus and conformally invariant concepts in gravitational physics. The key concepts the book is devoted to are complex manifolds, spinor techniques, conformal gravity, ?-planes, ?-surfaces, Penrose transform, complex 3 1 – – space-time models with non-vanishing torsion, spin- fields and spin- potentials. 2 2 Problems have

	been inserted at the end, to help the reader to check his und- standing of these topics. Thus, I can find at least four reasons for writing yet another book on spinor and twistor methods in general relativity: (i) to write a textbook useful to - ginning graduate students and research workers, where two-component spinor c- culus is the unifying mathematical language.

2. Record Nr. UNINA9910454835603321

Autore	Powell Jerry A
Titolo	Moths of Western North America [[electronic resource] /] / Jerry A. Powell, Paul A. Opler
Pubbl/distr/stampa	Berkeley, : University of California Press, c2009
ISBN	1-282-36097-3 9786612360978 0-520-94377-5
Descrizione fisica	1 online resource (517 p.)
Altri autori (Persone)	OplerPaul A
Disciplina	595.780978
Soggetti	Moths - West (U.S.) Moths - Northwest, Canadian Electronic books.
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 and indexes.
Nota di contenuto	Frontmatter -- Contents -- List Of Figures -- Preface -- About This Book -- Introduction -- Morphology -- Biology -- Significance In Natural And Human Communities -- Fossil Record And Evolution -- A History Of Moth Collectors In Western North America -- Introduction -- Primitive Lineages -- Ditrysia, Nonapoditrysian Superfamilies -- Apoditrysia -- Macrolepidoptera -- Suggestions For Collecting And Observing Moths -- Glossary -- Insect Index -- Plant Index -- General Index
Sommario/riassunto	Insects boast incredible diversity, and this book treats an important component of the western insect biota that has not been summarized before-moths and their plant relationships. There are about 8,000

named species of moths in our region, and although most are unnoticed by the public, many attract attention when their larvae create economic damage: eating holes in woolens, infesting stored foods, boring into apples, damaging crops and garden plants, or defoliating forests. In contrast to previous North American moth books, this volume discusses and illustrates about 25% of the species in every family, including the tiny species, making this the most comprehensive volume in its field. With this approach it provides access to microlepidoptera study for biologists as well as amateur collectors. About 2,500 species are described and illustrated, including virtually all moths of economic importance, summarizing their morphology, taxonomy, adult behavior, larval biology, and life cycles.