1.	Record Nr.	UNINA9910458324003321
	Autore	Nicolaescu Liviu I
	Titolo	Lectures on the geometry of manifolds / / by Liviu I. Nicolaescu
	Pubbl/distr/stampa	New Jersey, : World Scientific, c2007
	ISBN	1-281-91150-X
		9786611911508
		981-277-029-1
	Edizione	[2nd ed.]
	Descrizione fisica	1 online resource (606 p.)
	Disciplina	516.3/62
	Soggetti	Geometry, Differential
		Manifolds (Mathematics)
		Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references (p. 579-582) and index.
	Nota di contenuto	1. Introduction -- 2. Natural constructions on manifolds -- 3. Calculus on manifolds -- 4. Riemannian geometry -- 5. Elements of the calculus of variations -- 6. The fundamental group and covering spaces -- 7. Cohomology -- 8. Characteristic classes -- 9. Classical integral geometry -- 10. Elliptic equations on manifolds -- 11. Dirac operators.
	Sommario/riassunto	"The goal of this book is to introduce the reader to some of the most frequently used techniques in modern global geometry. Suited to the beginning graduate student willing to specialize in this very challenging field, the necessary prerequisite is a good knowledge of several variables calculus, linear algebra and point-set topology. The book's guiding philosophy is, in the words of Newton, that "in learning the sciences examples are of more use than precepts". We support all the new concepts by examples and, whenever possible, we tried to present several facets of the same issue. While we present most of the local aspects of classical differential geometry, the book has a "global and analytical bias". We develop many algebraic-topological techniques in the special context of smooth manifolds such as Poincaré duality, Thom isomorphism, intersection theory, characteristic classes and the Gauss–Bonnet theorem. We devoted quite a substantial part of the book to describing the analytic techniques which have played an increasingly

important role during the past decades. Thus, the last part of the book discusses elliptic equations, including elliptic Lpand Hölder estimates, Fredholm theory, spectral theory, Hodge theory, and applications of these. The last chapter is an in-depth investigation of a very special, but fundamental class of elliptic operators, namely, the Dirac type operators. The second edition has many new examples and exercises, and an entirely new chapter on classical integral geometry where we describe some mathematical gems which, undeservedly, seem to have disappeared from the contemporary mathematical limelight."

2.	Record Nr.	UNISA996672182003316
	Titolo	Atti del terzo Convegno di studi giuridici sulla Regione : Cagliari-Sassari, 1-6 aprile 1959
	Pubbl/distr/stampa	Milano, : Giuffrè, 1962
	Descrizione fisica	699 p. ; 26 cm
	Disciplina	342.45909
	Soggetti	Sardegna <Regione> - Ordinamento istituzionale - Atti di congressi
	Collocazione	XVI.7.D. 629
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	In testa al frontespizio: Regione autonoma della Sardegna