

1. Record Nr.	UNINA990009140150403321
Autore	Gusak, Dmytro
Titolo	Theory of stochastic processes : whith applications to financial mathematics and risk theory / Dmytro Gusak, Alexander Kukush, Alexey Kulik ... [et al.]
Pubbl/distr/stampa	New York : Springer, c2010
ISBN	978-0-387-87861-4
Descrizione fisica	XII, 375 p. ; 24 cm
Collana	Problem books in mathematics
Altri autori (Persone)	Kukush, Alexander Kulik, Alexey
Disciplina	519.2
Locazione	MA1
Collocazione	C-56-(31
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2.	Record Nr.	UNISA990001222190203316
	Autore	ANDERSON, Matthew Smith
	Titolo	Historians eighteenthcentury Europe : 1715-1789 / M. S. Anderson
	Pubbl/distr/stampa	Oxford, : Clarendon Press, 1979
	Descrizione fisica	VI, 251 p. ; 22 cm
	Disciplina	940.25
	Soggetti	Europa - Storia - 18. sec., Storiografia
	Collocazione	X.2.B. 1093(III D 459)
	Lingua di pubblicazione	Inglese
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3.	Record Nr.	UNINA9910790493803321
	Autore	Vath Martin <1967->
	Titolo	Topological analysis [[electronic resource]] : from the basics to the triple degree for nonlinear Fredholm inclusions / / Martin Vath
	Pubbl/distr/stampa	Berlin ; ; Boston, : De Gruyter, c2012
	ISBN	1-283-85794-4 3-11-027734-4
	Descrizione fisica	1 online resource (500 p.)
	Collana	De Gruyter series in nonlinear analysis and applications, , 0941-813X ; ; 16
	Classificazione	SK 620
	Disciplina	515/.724
	Soggetti	Topological degree Topological spaces Fredholm operators Algebraic topology
	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

Front matter -- Preface -- Contents -- Chapter 1. Introduction -- Part I. Topology and Multivalued Maps -- Chapter 2. Multivalued Maps -- Chapter 3. Metric Spaces -- Chapter 4. Spaces Defined by Extensions, Retractions, or Homotopies -- Chapter 5. Advanced Topological Tools -- Part II. Coincidence Degree for Fredholm Maps -- Chapter 6. Some Functional Analysis -- Chapter 7. Orientation of Families of Linear Fredholm Operators -- Chapter 8. Some Nonlinear Analysis -- Chapter 9. The Brouwer Degree -- Chapter 10. The Benevieri-Furi Degrees -- Part III. Degree Theory for Function Triples -- Chapter 11. Function Triples -- Chapter 12. The Degree for Finite-Dimensional Fredholm Triples -- Chapter 13. The Degree for Compact Fredholm Triples -- Chapter 14. The Degree for Noncompact Fredholm Triples -- Bibliography -- Index of Symbols -- Index

Sommario/riassunto

This monograph aims to give a self-contained introduction into the whole field of topological analysis: Requiring essentially only basic knowledge of elementary calculus and linear algebra, it provides all required background from topology, analysis, linear and nonlinear functional analysis, and multivalued maps, containing even basic topics like separation axioms, inverse and implicit function theorems, the Hahn-Banach theorem, Banach manifolds, or the most important concepts of continuity of multivalued maps. Thus, it can be used as additional material in basic courses on such topics. The main intention, however, is to provide also additional information on some fine points which are usually not discussed in such introductory courses. The selection of the topics is mainly motivated by the requirements for degree theory which is presented in various variants, starting from the elementary Brouwer degree (in Euclidean spaces and on manifolds) with several of its famous classical consequences, up to a general degree theory for function triples which applies for a large class of problems in a natural manner. Although it has been known to specialists that, in principle, such a general degree theory must exist, this is the first monograph in which the corresponding theory is developed in detail.
