1. **Record Nr.**   UNISALENTO991004199329707536

   Autore   Coleridge, Samuel Taylor

   Titolo   Dramatic works and appendices / Samuel Taylor Coleridge ; edited by Ernest Hartley Coleridge

   Pubbl/distr/stampa   Oxford : Clarendon, 1968

   Descrizione fisica   1 v. ; 24 cm

   Collana   The complete poetical works of Samuel Taylor Coleridge including poems and versions of poems now published for the first time ; 2

   Altri autori (Persone) Coleridge, Ernest Hartley

   Disciplina   828.7

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

2. **Record Nr.**   UNINA9910768190003321

   Autore   Kriz I (Igor)

   Titolo   Introduction to Mathematical Analysis / / by Igor Kriz, Aleš Pultr

   Pubbl/distr/stampa   Basel : , : Springer Basel : , : Imprint : Birkhäuser, , 2013

   ISBN   9783034806367
                            3034806361

   Edizione   [1st ed. 2013.]

   Descrizione fisica   1 online resource (517 p.)

   Disciplina   515

   Soggetti   Functions of real variables
                            Matrix theory
                            Algebra
                            Measure theory
                            Functions of complex variables
                            Differential equations
                            Sequences (Mathematics)
                            Real Functions
                            Linear and Multilinear Algebras, Matrix Theory
                            Measure and Integration
                            Functions of a Complex Variable
                            Ordinary Differential Equations
                            Sequences, Series, Summability

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 (pages 501) and indexes.
Nota di contenuto	Preface -- Introduction -- Part 1. A Rigorous Approach to Advanced Calculus -- 1. Preliminaries -- 2. Metric and Topological Spaces I -- 3. Multivariable Differential Calculus -- 4. Integration I: Multivariable Riemann Integral and Basic Ideas toward the Lebesgue Integral -- 5. Integration II: Measurable Functions, Measure and the Techniques of Lebesgue Integration -- 6. Systems of Ordinary Differential Equations -- 7. System of Linear Differential Equations -- 8. Line Integrals and Green's Theorem -- Part 2. Analysis and Geometry -- 9. An Introduction to Complex Analysis -- 10. Metric and Topological Spaces II -- 11. Multilinear Algebra -- 12. Smooth Manifolds, Differential Forms and Stokes' Theorem -- 13. Calculus of Variations and the Geodesic Equation -- 14. Tensor Calculus and Riemannian Geometry -- 15. Hilbert Spaces I: Definitions and Basic Properties -- 16. Hilbert Spaces II: Examples and Applications -- Appendix A. Linear Algebra I: Vector Spaces -- Appendix B. Linear Algebra II: More about Matrices -- Bibliography -- Index of Symbols -- Index. .
Sommario/riassunto	The book begins at an undergraduate student level, assuming only basic knowledge of calculus in one variable. It rigorously treats topics such as multivariable differential calculus, the Lebesgue integral, vector calculus and differential equations. After having created a solid foundation of topology and linear algebra, the text later expands into more advanced topics such as complex analysis, differential forms, calculus of variations, differential geometry and even functional analysis. Overall, this text provides a unique and well-rounded introduction to the highly developed and multi-faceted subject of mathematical analysis as understood by mathematicians today.