1. Record Nr. UNINA9910783371903321

Autore	Divine Robert A.
Titolo	Eisenhower and the cold war / / Robert A. Divine
Pubbl/distr/stampa	Oxford, [England] ; ; New York : , : Oxford University Press, , 1981 ©1981
ISBN	0-19-802034-1 1-282-38428-7 9786612384288 0-19-992322-1 0-19-536536-4 1-60129-571-5
Descrizione fisica	1 online resource (ix, 181 p.)
Soggetti	United States Foreign relations 1953-1961
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Argues that Eisenhower was a stronger president than previously believed and was responsible for many important accomplishments in the area of foreign policy and the quest for peace.

2. Record Nr. UNINA9910299763703321

Autore	Blanchard Philippe
Titolo	Mathematical Methods in Physics : Distributions, Hilbert Space Operators, Variational Methods, and Applications in Quantum Physics / / by Philippe Blanchard, Erwin Brüning
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2015
ISBN	3-319-14045-0
Edizione	[2nd ed. 2015.]
Descrizione fisica	1 online resource (XXVII, 598 p. 4 illus.)
Collana	Progress in Mathematical Physics, , 1544-9998 ; ; 69
Disciplina	530.15
Soggetti	Mathematical physics Physics Functional analysis Operator theory Mathematical optimization Mathematical Physics Mathematical Methods in Physics Functional Analysis Operator Theory Optimization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Introduction -- Spaces of Test Functions -- Schwartz Distributions -- Calculus for Distributions -- Distributions as Derivatives of Functions -- Tensor Products -- Convolution Products -- Applications of Convolution -- Holomorphic Functions -- Fourier Transformations -- Distributions as Boundary Values of Analytic Functions -- Other Spaces of Generalized Functions -- Sobolev Spaces -- Hilbert Spaces: A Brief Historical Introduction -- Inner Product Spaces and Hilbert Spaces -- Geometry of Hilbert Spaces -- Separable Hilbert Spaces -- Direct Sums and Tensor Products -- Topological Aspects -- Linear Operators -- Quadratic Forms -- Bounded Linear Operators -- Special Classes of Linear Operators -- Elements of Spectral Theory -- Compact Operators -- Hilbert-Schmidt and Trace Class Operators -- The Spectral Theorem

-- Some Applications of the Spectral Representation -- Spectral Analysis in Rigged Hilbert Spaces -- Operator Algebras and Positive Mappings -- Positive Mappings in Quantum Physics -- Introduction -- Direct Methods in the Calculus of Variations -- Differential Calculus on Banach Spaces and Extrema of Functions -- Constrained Minimization Problems (Method of Lagrange Multipliers) -- Boundary and Eigenvalue Problems -- Density Functional Theory of Atoms and Molecules -- Appendices -- Index. .

Sommario/riassunto

The second edition of this textbook presents the basic mathematical knowledge and skills that are needed for courses on modern theoretical physics, such as those on quantum mechanics, classical and quantum field theory, and related areas. The authors stress that learning mathematical physics is not a passive process and include numerous detailed proofs, examples, and over 200 exercises, as well as hints linking mathematical concepts and results to the relevant physical concepts and theories. All of the material from the first edition has been updated, and five new chapters have been added on such topics as distributions, Hilbert space operators, and variational methods. The text is divided into three main parts. Part I is a brief introduction to distribution theory, in which elements from the theories of ultradistributions and hyperfunctions are considered in addition to some deeper results for Schwartz distributions, thus providing a comprehensive introduction to the theory of generalized functions. Part II contains fundamental facts about Hilbert spaces and their geometry. The theory of linear operators, both bounded and unbounded, is developed, focusing on results needed for the theory of Schrödinger operators. Part III treats the direct methods of the calculus of variations and their applications to boundary- and eigenvalue-problems for linear and nonlinear partial differential operators. The appendices contain proofs of more general and deeper results, including completions, basic facts about metrizable Hausdorff locally convex topological vector spaces, Baire's fundamental results and their main consequences, and bilinear functionals. Mathematical Methods in Physics is aimed at a broad community of graduate students in mathematics, mathematical physics, quantum information theory, physics and engineering, as well as researchers in these disciplines. Expanded content and relevant updates will make this new edition a valuable resource for those working in these disciplines.