| | | |
|---|---|---|
| 1. | Record Nr. | UNINA9910827189403321 |
| | Autore | Roberts Brad |
| | Titolo | The case for U.S. nuclear weapons in the 21st century / / Brad Roberts |
| | Pubbl/distr/stampa | Stanford, California : , : Stanford Security Studies, an imprint of Stanford University Press, , [2016]<br>©2016 |
| | ISBN | 0-8047-9715-3 |
| | Descrizione fisica | 1 online resource (351 p.) |
| | Disciplina | 355.02/170973 |
| | Soggetti | Nuclear weapons - Government policy - United States<br>Deterrence (Strategy)<br>National security - United States<br>United States Military policy<br>United States Foreign relations 21st century |
| | 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 index. |
| | Nota di contenuto | The evolution of U.S. nuclear policy and posture since the end of the Cold War -- The first new problem : nuclear-armed regional challengers -- The new regional deterrence strategy -- The second new problem : relations with Putin's Russia -- The evolving relationship with China -- Extended deterrence and strategic stability in Europe -- Extended deterrence and strategic stability in Northeast Asia -- The broader nuclear assurance agenda -- Conclusions -- Epilogue : implications for future strategy, policy, and posture reviews. |
| | Sommario/riassunto | This book is a counter to the conventional wisdom that the United States can and should do more to reduce both the role of nuclear weapons in its security strategies and the number of weapons in its arsenal. The case against nuclear weapons has been made on many grounds—including historical, political, and moral. But, Brad Roberts argues, it has not so far been informed by the experience of the United States since the Cold War in trying to adapt deterrence to a changed world, and to create the conditions that would allow further significant changes to U.S. nuclear policy and posture. Drawing on the author's experience in the making and implementation of U.S. policy in the |

| | |
|---|---|
| | Obama administration, this book examines that real world experience and finds important lessons for the disarmament enterprise. Central conclusions of the work are that other nuclear-armed states are not prepared to join the United States in making reductions, and that unilateral steps by the United States to disarm further would be harmful to its interests and those of its allies. The book ultimately argues in favor of patience and persistence in the implementation of a balanced approach to nuclear strategy that encompasses political efforts to reduce nuclear dangers along with military efforts to deter them. |

2.

| | |
|---|---|
| Record Nr. | UNINA9910300246003321 |
| Titolo | Operator Semigroups Meet Complex Analysis, Harmonic Analysis and Mathematical Physics / / edited by Wolfgang Arendt, Ralph Chill, Yuri Tomilov |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2015 |
| ISBN | 3-319-18494-6 |
| Edizione | [1st ed. 2015.] |
| Descrizione fisica | 1 online resource (490 p.) |
| Collana | Operator Theory: Advances and Applications, , 2296-4878 ; ; 250 |
| Disciplina | 515.724 |
| Soggetti | Differential equations<br>Operator theory<br>Mathematical physics<br>Functional analysis<br>Differential Equations<br>Operator Theory<br>Mathematical Physics<br>Functional Analysis |
| 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 at the end of each chapters. |
| Nota di contenuto | Intro; Contents; Preface; Polynomial Internal and External Stability of Well-posed Linear Systems; Minimal Primal Ideals in the Multiplier Algebra of a C0(X)-algebra; Countable Spectrum, Transfinite Induction |

and Stability; Maximal Regularity in Interpolation Spaces for Second-order Cauchy Problems; Stability of Quantum Dynamical Semigroups; Families of Operators Describing Diffusion Through Permeable Membranes; Multiscale Unique Continuation Properties of Eigenfunctions; Dichotomy Results for Norm Estimates in Operator Semigroups; Estimates on Non-uniform Stability for Bounded Semigroups
Convergence of the Dirichlet-to-Neumann Operator on Varying DomainsA Banach Algebra Approach to the Weak Spectral Mapping Theorem for Locally Compact Abelian Groups; Regularity Properties of Sectorial Operators: Counterexamples and Open Problems; Global Existence Results for the Navier-Stokes Equations in the Rotational Framework in Fourier-Besov Spaces; Some Operator Bounds Employing Complex Interpolation Revisited; Power-bounded Invertible Operators and Invertible Isometries on Lp Spaces; Generation of Subordinated Holomorphic Semigroups via Yosida's Theorem
A Quantitative Coulhon-Lamberton TheoremAn Analytic Family of Contractions Generated by the Volterra Operator; Lattice Dilations of Bistochastic Semigroups; Domains of Fractional Powers of Matrix-valued Operators: A General Approach; General Mazur-Ulam Type Theorems and Some Applications ; Traces of Non-regular Vector Fields on Lipschitz Domains; The Lp-Poincare Inequality for Analytic Ornstein-Uhlenbeck Semigroups; A Murray-von Neumann Type Classification of C*-algebras; Well-posedness via Monotonicity - an Overview
Perturbations of Exponential Dichotomies for Hyperbolic Evolution EquationsGaussian and non-Gaussian Behaviour of Diffusion Processes; Functional Calculus for C0-semigroups Using Infinite-dimensional Systems Theory; On Self-adjoint Extensions of Symmetric Operators; 1. Introduction; 2. Polynomial stability and well-posed systems; 3. Polynomial stabilizability and detectability; 4. Main results; References; 1. Introduction; 2. Preliminaries; 3. The homeomorphism onto MinPrimal(M(A)); 4. Applications; References; 1. Introduction; 2. Empty spectrum; 3. A complex Tauberian theorem
4. The ABLV-Theorem5. Cantor's work on trigonometric series; References; 1. Introduction; 2. Preliminaries; 3. An abstract theorem; 4. Maximal regularity of the second-order Cauchy problem in interpolation spaces; 5. The initial value problem; 6. Examples; References; 1. Introduction; 2. Stability; 3. Fixed points and stability; 4. Fixed points and dilations; References; 1. Introduction; 2. Generation theorems for semigroups; 3. Limit behavior (large permeability coefficients); 4. Limit behavior (small permeability coefficients); 5. A cosine family in C(U); 6. A cosine family in L1(R)
References

Sommario/riassunto

This proceedings volume originates from a conference held in Herrnhut in June 2013. It provides unique insights into the power of abstract methods and techniques in dealing successfully with numerous applications stemming from classical analysis and mathematical physics. The book features diverse topics in the area of operator semigroups, including partial differential equations, martingale and Hilbert transforms, Banach and von Neumann algebras, Schrödinger operators, maximal regularity and Fourier multipliers, interpolation, operator-theoretical problems (concerning generation, perturbation and dilation, for example), and various qualitative and quantitative Tauberian theorems with a focus on transfinite induction and magics of Cantor. The last fifteen years have seen the dawn of a new era for semigroup theory with the emphasis on applications of abstract results, often unexpected and far removed from traditional ones. The aim of

the conference was to bring together prominent experts in the field of modern semigroup theory, harmonic analysis, complex analysis and mathematical physics, and to present the lively interactions between all of those areas and beyond. In addition, the meeting honored the sixtieth anniversary of Prof C. J. K. Batty, whose scientific achievements are an impressive illustration of the conference goal. These proceedings present contributions by prominent scientists at this international conference, which became a landmark event. They will be a valuable and inspiring source of information for graduate students and established researchers.