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Titolo	Spectral geometry of manifolds with boundary and decomposition of manifolds : proceedings of the Workshop on Spectral Geometry of Manifolds with Boundary and Decomposition of Manifolds, Roskilde University, Roskilde, Denmark, August 6-9, 2003 / / Bernhelm Booss-Bavnbek, Gerd Grubb, Krzysztof P. Wojciechowski, editors
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ISBN	0-8218-7956-1 0-8218-3536-X
Descrizione fisica	1 online resource (338 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 366
Disciplina	515/.7242
Soggetti	K-theory Operator algebras Pseudodifferential operators Fredholm operators Electronic books.
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.
Nota di contenuto	""Contents""; ""Preface""; ""Part I. Basic Material a€“? Reviews""; ""Spectral Problems from Quantum Field Theory""; ""Euclidean Quantum Gravity in Light of Spectral Geometry""; ""Analysis of Invariants Associated with Spectral Boundary Problems for Elliptic Operators""; ""Part II. Spectral Invariants and Asymptotic Expansions""; ""A Resolvent Approach to Traces and Zeta Laurent Expansions""; ""Asymptotic Expansion of the Zetaa€“?determinant of an Invertible Laplacian on a Stretched Manifold""; ""Agranovicha€“?Dynin Formula for the Zetaa€“?determinants of the Neumann and Dirichlet Problems"" ""Part III. Geometric and Topological Problems""""The CalderA³n Projector for the Odd Signature Operator and Spectral Flow Calculations in 3a€“?dimensional Topology""; ""Cuta€“?anda€“?paste on Foliated Bundles""; ""1. Introduction""; ""2. Spectral flow""; ""3. Foliated bundles, index classes and the noncommutative spectral flow""; ""4. Index

classes on foliated bundles with boundary"; ""5. Fundamental properties of b-index classes"; ""6. On the cut-and-paste invariance of the signature index class"; ""7. Geometric applications"; ""References""
""The Uniqueness of the Spectral Flow on Spaces of Unbounded Self-adjoint Fredholm Operators""
Variants of Equivariant Seiberg-Witten Floer Homology"; ""Part IV. Manifolds with Singularities"; ""Dirac Operators, Boundary Value Problems, and the calculus"";
""Guillemin Transform and Toeplitz Representations for Operators Singular Manifolds""; ""Pseudodifferential Operators on Non-compact Manifolds and Analysis on Polyhedral Domains""; ""Introduction""; ""1. Boundary value problems""; ""2. Lie algebras of vector fields""; ""3. Melrose's quantization problem""
""4. An application to Fredholm conditions""
""5. Examples""; ""6. Spectra""; ""References""

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Autore

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Ghantus Elias T

Arab industrial integration [[electronic resource]] : a strategy for development / Elias T. Ghantus

London ; ; New York : , : Routledge, , 2015

1-00-307447-2

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1-000-15591-9

1 online resource (241 pages)

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Industries - Arab countries

Arab countries Economic integration

Inglese

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Monografia

Originally published in 1982 by Croom Helm.

Includes bibliographical references and index.

The Arab countries are increasingly recognising their importance as a regional economic grouping. Given the highly skewed distribution of natural, human and financial resources, the course of economic

development in the Arab countries seems to be interrelated. Through pooling their resources and markets these countries will not only be able to optimise investment decisions but also broaden the potential for development. This book argues that economic integration is not merely a question of reducing or eliminating discriminatory measures, as emphasised in previous integration attempts. It calls rather for a positive action based on a regional investment strategy which coordinates production programmes, to reap the benefits of specialisation and scale. The book focuses on past industrialisation efforts in the Arab countries and examines the emerging patterns of industrial growth. A pioneering attempt is made to identify specific industries whose economic viability can be enhanced by conceiving them on a regional basis. The book concludes by framing a strategy for an integrated industrial development in the Arab region. First published in 1982.
