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Nota di contenuto	Contents ; Preface ; Part I. On the Mathematical Work of Krzysztof P. ; Selected Aspects of the Mathematical Work of Krzysztof P.Wojciechowski ; Gluing Formulae of Spectral Invariants and Cauchy Data Spaces ; Part II. Topological Theories The Behavior of the Analytic Index under Nontrivial Embedding Critical Points of Polynomials in Three Complex Variables ; Chern-Weil Forms Associated with Superconnections ; Part III. Heat Kernel Calculations and Surgery ; Non-Laplace Type Operators on Manifolds with Boundary Eta Invariants for Manifold with Boundary Heat Kernels of the Sub-Laplacian and the Laplacian on Nilpotent Lie Groups ; Remarks on Nonlocal Trace Expansion Coefficients		

1.

	; An Anomaly Formula for L2-Analytic Torsions on Boundary Anomalies via Canonical Traces Part IV. Noncommutative Geometry	; Conformal An Analytic
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Sommario/riassunto	Modern theory of elliptic operators, or simply elliptic shaped by the Atiyah-Singer Index Theorem creat Reviewing elliptic theory over a broad range, 32 le 14 different countries present recent developments kernel techniques; spectral invariants and cutting a noncommutative geometry; and theoretical particle membrane physics, and Hamiltonian dynamics. T this volume is ideally suited to graduate students a interested in careful expositions of newly-evolved a	ed 40 years ago. eading scientists from s in topology; heat and pasting; e, string and he first of its kind, and researchers