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| 1. Record Nr. | UNINA9910456831103321 |
| Autore | Bismut Jean-Michel |
| Titolo | Hypoelliptic Laplacian and orbital integrals [[electronic resource] /] / Jean-Michel Bismut |
| Pubbl/distr/stampa | Princeton, : Princeton University Press, 2011 |
| ISBN | 1-283-16387-X 9786613163875 1-4008-4057-0 |
| Edizione | [Course Book] |
| Descrizione fisica | 1 online resource (320 p.) |
| Collana | Annals of mathematics studies ; ; no. 177 |
| Disciplina | 515.7242 |
| Soggetti | Differential equations, Hypoelliptic Laplacian operator Definite integrals Orbit method 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 and indexes. |
| Nota di contenuto | Frontmatter -- Contents -- Acknowledgments -- Introduction -- Chapter One. Clifford and Heisenberg algebras -- Chapter Two. The hypoelliptic Laplacian on $X = G/K$ -- Chapter Three. The displacement function and the return map -- Chapter Four. Elliptic and hypoelliptic orbital integrals -- Chapter Five. Evaluation of supertraces for a model operator -- Chapter Six. A formula for semisimple orbital integrals -- Chapter Seven. An application to local index theory -- Chapter Eight. The case where $[k(\cdot); p_0] = 0$ -- Chapter Nine. A proof of the main identity -- Chapter Ten. The action functional and the harmonic oscillator -- Chapter Eleven. The analysis of the hypoelliptic Laplacian -- Chapter Twelve. Rough estimates on the scalar heat kernel -- Chapter Thirteen. Refined estimates on the scalar heat kernel for bounded b -- Chapter Fourteen. The heat kernel $q_{Xb;t}$ for bounded b -- Chapter Fifteen. The heat kernel $q_{Xb;t}$ for b large -- Bibliography -- Subject Index -- Index of Notation |
| Sommario/riassunto | This book uses the hypoelliptic Laplacian to evaluate semisimple orbital integrals in a formalism that unifies index theory and the trace formula. |

The hypoelliptic Laplacian is a family of operators that is supposed to interpolate between the ordinary Laplacian and the geodesic flow. It is essentially the weighted sum of a harmonic oscillator along the fiber of the tangent bundle, and of the generator of the geodesic flow. In this book, semisimple orbital integrals associated with the heat kernel of the Casimir operator are shown to be invariant under a suitable hypoelliptic deformation, which is constructed using the Dirac operator of Kostant. Their explicit evaluation is obtained by localization on geodesics in the symmetric space, in a formula closely related to the Atiyah-Bott fixed point formulas. Orbital integrals associated with the wave kernel are also computed. Estimates on the hypoelliptic heat kernel play a key role in the proofs, and are obtained by combining analytic, geometric, and probabilistic techniques. Analytic techniques emphasize the wavelike aspects of the hypoelliptic heat kernel, while geometrical considerations are needed to obtain proper control of the hypoelliptic heat kernel, especially in the localization process near the geodesics. Probabilistic techniques are especially relevant, because underlying the hypoelliptic deformation is a deformation of dynamical systems on the symmetric space, which interpolates between Brownian motion and the geodesic flow. The Malliavin calculus is used at critical stages of the proof.

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| 2. Record Nr. | UNINA9910463854803321 |
| Autore | Nair Muralitharan |
| Titolo | Pathophysiology for nurses at a glance // Muralitharan Nair, Ian Peate |
| Pubbl/distr/stampa | West Sussex, England : , : John Wiley & Sons, Inc., , 2015 ©2015 |
| ISBN | 1-118-74619-8 |
| Descrizione fisica | 1 online resource (209 p.) |
| Collana | At a Glance Series |
| Disciplina | 616/.047 |
| Soggetti | Physiology, Pathological 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 and index. |
| Sommario/riassunto | Everything you need to know about Pathophysiology... at aGlance! From the publishers of the market-leading at a Glanceseries, and from the authors of the successful Fundamentals ofApplied Pathophysiology textbook comes the ideal revisionguide for all the key diseases and conditions that nursing andhealthcare students need to be aware of. Combining superbillustrations with accessible and informative text, this book isperfect for all nursing and healthcare students, and anyone who islooking for an overview of pathophysiology. Pathophysiology for Nurses at a Glance covers all the keydiseases and |

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| 3. Record Nr. | UNINA9910781855803321 |
| Titolo | Intelligence oversight and disclosure issues [[electronic resource] /] / Philipp R. Haas, editor |
| Pubbl/distr/stampa | Hauppauge, N.Y., : Nova Science Publishers, c2010 |
| ISBN | 1-61470-100-8 |
| Descrizione fisica | 1 online resource (143 p.) |
| Collana | Intelligence and counterintelligence studies series |
| Altri autori (Persone) | HaasPhilipp R |
| Disciplina | 328.73/0746 |
| Soggetti | Intelligence service - United States Legislative oversight - United States Disclosure of information - United States |
| 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 | Congressional oversight of intelligence : current structure and alternatives / Frederick M. Kaiser -- Intelligence issues for Congress / Richard A. Best, Jr. -- Intelligence spending : public disclosure issues / Richard A. Best, Jr. and Elizabeth B. Bazan -- Director of National Intelligence Statutory Authorities : status and proposals / Richard A. Best Jr. and Alfred Cumming -- Covert action : legislative background and possible policy questions. |