

1. Record Nr.	UNINA9910254293403321
Titolo	Geometry, Analysis and Probability : In Honor of Jean-Michel Bismut / / edited by Jean-Benoît Bost, Helmut Hofer, François Labourie, Yves Le Jan, Xiaonan Ma, Weiping Zhang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2017
ISBN	3-319-49638-7
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VIII, 361 p. 5 illus., 1 illus. in color.)
Collana	Progress in Mathematics, , 0743-1643 ; ; 310
Disciplina	530.156
Soggetti	Global analysis (Mathematics) Manifolds (Mathematics) Geometry, Algebraic Probabilities Number theory Global Analysis and Analysis on Manifolds Algebraic Geometry Probability Theory and Stochastic Processes Number Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Geometric higher groupoids and categories -- Hodge type theorems for arithmetic hyperbolic -- The Ding functional, Berndtsson convexity and moment maps -- Dimers and curvature formulae -- The norm of the Weierstrass Section -- Smooth family Thom-Smale complexes -- higher Analytic Torsion Polylogarithms and norm compatible elements on Abelian Schemes -- Teichmüller theory for conic surfaces -- On the analytic torsion of hyperbolic manifolds of the finite volume -- Log-correlated Gaussian fields: an overview -- A variation formula for the determinant line bundle. Compact subspaces of moduli spaces of stable bundles over class VII surfaces -- K-stability implies CM-stability -- Simple renormalization flow for FK-Percolation models -- Analytic torsion for BORCEA-VOISIN threefolds.
Sommario/riassunto	This volume presents original research articles and extended surveys

related to the mathematical interest and work of Jean-Michel Bismut. His outstanding contributions to probability theory and global analysis on manifolds have had a profound impact on several branches of mathematics in the areas of control theory, mathematical physics and arithmetic geometry. Contributions by: K. Behrend N. Bergeron S. K. Donaldson J. Dubédat B. Duplantier G. Faltings E. Getzler G. Kings R. Mazzeo J. Millson C. Moeglin W. Müller R. Rhodes D. Rössler S. Sheffield A. Teleman G. Tian K-I. Yoshikawa H. Weiss W. Werner The collection is a valuable resource for graduate students and researchers in these fields.
