

1. Record Nr.	UNINA9910480870003321
Titolo	Secondary calculus and cohomological physics : proceedings of a Conference on Secondary Calculus and Cohomological Physics, August 24-31, 1997, Moscow, Russia / / Marc Henneaux, Joseph Krasilshchik, Alexandre Vinogradov, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1998] ©1998
ISBN	0-8218-7810-7 0-8218-5555-7
Descrizione fisica	1 online resource (306 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 219
Disciplina	514/23
Soggetti	Homology theory Quantum field theory Differential equations, Partial - Numerical solutions Mathematical physics 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""; ""Acknowledgments""; ""Foreword""; ""Unstable bundles in quantum field theory""; ""Brackets in the jet-bundle approach to field theory""; ""The BRST structure of twisted $N = 2$ algebra""; ""Anomalies and locality in field theories and M-theory""; ""Gauge covariant algebras and local BRST cohomology""; ""Generalized homologies for $dN = 0$ and graded q -differential algebras""; ""Nonlinear control and diffieties, with an application to physics""; ""Consistent interactions between gauge fields: the cohomological approach"" ""A compatible analytic manifold structure for Lie pseudogroups of infinite type""; ""Cohomology background in geometry of PDE""; ""1. Bracket formalism in commutative algebras""; ""2. Connections and cohomologies""; ""3. Nonlinear differential equations: C-cohomologies, deformations and recursion operators""; ""4. Nonlocal and superextensions""; ""5. Concluding remarks""; ""Acknowledgments""; ""References""; ""Algebraic renormalization of massive supersymmetric

theories"; ""A new look at completely integrable systems and double Lie groups"; ""Quantum dynamics of 3-D vortices""
""The (secret?) homological algebra of the Batalin a€? Vilkovisky approach""1. The jet bundle setting for Lagrangian field theory"; ""2. Anti-fields as Koszul generators"; ""3. Noether identities and Tate generators"; ""4. Ghosts and the anti-bracket""; ""5. The Batalin-Vilkovisky complex (BV, s=)""; ""6. The BV version of the variational bicomplex""; ""7. The Master Equation and Higher Homotopy Algebra""; ""8. Deformation Theory and the Master Equation in Field Theory""; ""9. Quantization and other puzzles""; ""References""; ""Notes on the horizontal cohomology""
""Invariants of rational transformations and algebraic entropy""""
Introduction to Secondary Calculus"; ""1. Infinite jets""; ""2. Infinite prolongations of PDE's and diffieties""; ""3. Higher symmetries of PDE's""; ""4. The C-spectral sequence""; ""5. The structure of the term CE1 for $0 = \int 00$ ""; ""6. The structure of the term CE1 for $0 = A\int 00$ ""; ""7. The conception of Secondary Calculus: vector fields and differential forms""; ""8. Secondary modules""; ""9. Secondary modules and flat connections""; ""10. a??-C-spectral sequence""
""11. Secondary multi-vector-valued differential forms: an example of secondarization""""12. Secondarization versus quantization""; ""13. Bibliography and comments""; ""Acknowledgments""; ""References"";
""On multiple generalizations of Lie algebras and Poisson manifolds""

2. Record Nr.	UNISA996279954603316
Titolo	Petroleum and Chemical Industry Conference Europe conference proceedings
Pubbl/distr/stampa	Piscataway, NJ, : Institute of Electrical and Electronic Engineers
ISSN	2166-9503
Disciplina	660
Soggetti	Chemical engineering - Equipment and supplies Chemical plants - Equipment and supplies Petroleum engineering - Equipment and supplies Petroleum industry and trade - Equipment and supplies Engineering instruments Conference papers and proceedings.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico