

1. Record Nr.	UNINA9910456107203321
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Titolo	Feynman motives [[electronic resource] /] / Matilde Marcolli
Pubbl/distr/stampa	Hackensack, N.J., : World Scientific, c2010
ISBN	1-282-75789-X 9786612757891 981-4271-21-7
Descrizione fisica	xiii, 220 p. : ill
Disciplina	530.14/3
Soggetti	Feynman integrals Motives (Mathematics) Quantum field theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Perturbative Quantum Field Theory and Feynman Diagrams; Motives and Periods; Feynman Integrals and Algebraic Varieties; Feynman Integrals, Singularities, Hodge Structures; Connes-Kreimer Theory in a Nutshell; The Riemann-Hilbert Correspondence; Renormalization and Singularities; Beyond Scalar Theories.
Sommario/riassunto	Presents the research work aimed at understanding the mysterious relation between the computations of Feynman integrals in perturbative quantum field theory and the theory of motives of algebraic varieties and their periods.