

1. Record Nr.	UNINA9910815366203321
Titolo	Gromov-Witten theory of spin curves and orbifolds : AMS Special Session on Gromov-Witten Theory of Spin Curves and Orbifolds, May 3-4, 2003, San Francisco State University, San Francisco, California // Tyler J. Jarvis, Takashi Kimura, Arkady Vaintrob, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2006] ©2006
ISBN	0-8218-7993-6 0-8218-3534-3
Descrizione fisica	1 online resource (202 p.)
Collana	Contemporary mathematics, ; 403 , 0271-4132
Disciplina	516/.07
Soggetti	Gromov-Witten invariants Frobenius manifolds Orbifolds Singularities (Mathematics) Homology theory
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 -- Introduction -- Moduli Spaces of Curves with Effective r-Spin Structures -- A Construction of Witten's Top Chern Class in K-Theory -- Witten's Conjecture and the Virasoro Conjecture for Genus up to Two -- Idempotents on the Big Phase Space -- Singularities with Symmetries, Orbifold Frobenius Algebras and Mirror Symmetry -- The Cohomology Ring of Crepant Resolutions of Orbifolds -- Differential Characters on Orbifolds and String Connections I: Global Quotients -- HKR characters and higher twisted sectors -- Combinatorics of Binomial Decompositions of the Simplest Hodge Integrals -- 1. Introduction -- 2. Calculation of Hodge integrals -- 3. The number $W_g(l, n-1)$ as a sum over trees -- 4. Proofs of Theorems 2.1-2.3 -- Appendix A. Some calculations in genus 2 -- Appendix B. Genus 0 case -- Appendix C. The other Hodge integrals -- References -- The Orbifold Cohomology of the Moduli of Genus-Two Curves -- List of Participants and Abstracts.

