1. Record Nr. UNINA9910480406103321

Titolo	Advances in algebraic geometry motivated by physics : AMS Special Session on Enumerative Geometry in Physics, April 1-2, 2000, University of Massachusetts, Lowell, Massachusetts / / Emma Previato, editor
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [2001] ©2001
ISBN	0-8218-7866-2 0-8218-5612-X
Descrizione fisica	1 online resource (310 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 276
Disciplina	530.15/635
Soggetti	Geometry, Algebraic 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	Machine generated contents note: Chapter I. Enumerative or reality problems Number of automorphisms of principally polarized abelian varieties -- SANDOR J. KOVACS Rational curves on Grassmannians: Systems theory, reality, and -- transversality -- FRANK SOTTILE Fundamental groups of line arrangements: Enumerative aspects -- ALEXANDER I. SUCIU Chapter II. Variational and moduli problems The formula 12 = 10 + 2 x 1 and its generalizations: Counting rational -- curves on F2 -- DAN ABRAMOVICH AND AARON BERTRAM Stable maps and Hurwitz schemes in mixed characteristics -- DAN ABRAMOVICH AND FRANS OORT On modular properties of odd theta-characteristics -- LUCIA CAPORASO Asymptotic Hodge theory and quantum products -- EDUARDO CATTANI AND JAVIER FERNANDEZ On rational curves in n-space with given normal bundle -- HERBERT CLEMENS A tool for stable reduction of curves on surfaces -- RAVI VAKIL Chapter III. Mirror symmetry and Gromov-Witten invariants Virtual fundamental classes of zero loci -- DAVID A. Cox, SHELDON KATZ, AND YUAN-PIN LEE Gravitational descendants and the moduli space of higher spin curves

-- TYLER J. JARVIS, TAKASHI KIMURA, AND ARKADY VAINTROB vii Homological mirror symmetry in dimension one -- BERND KREUf3LER 179 The Hodge structure of semiample hypersurfaces and a generalization of the -- monomial-divisor mirror map -- ANVAR R. MAVLYUTOV 199 Algebraic construction of Witten's top Chern class -- ALEXANDER POLISHCHUK AND ARKADY VAINTROB 229 Symmetries of Gromov-Witten invariants -- ALEXANDER POSTNIKOV 251 Gauge theory techniques in quantum cohomology -- STEVEN ROSENBERG AND MIHAELA VAJIAC 259 Gromov-Witten invariants of flag manifolds and products of conjugacy -- classes -- C. WOODWARD 279 Appendix Appendix: The Lowell meeting 289.