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| 1. Record Nr. | UNINA9910547698003321 |
| Titolo | ASEG Extended Abstracts (Online) |
| Pubbl/distr/stampa | Abingdon, UK : , : Taylor & Francis. |
| Descrizione fisica | 1 online resource |
| Soggetti | Prospecting - Geophysical methods
Periodicals. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Periodico |
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| 2. Record Nr. | UNINA9910320753503321 |
| Titolo | B-Model Gromov-Witten Theory // edited by Emily Clader, Yongbin Ruan |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2018 |
| ISBN | 9783319942209
3319942204 |
| Edizione | [1st ed. 2018.] |
| Descrizione fisica | 1 online resource (635 pages) |
| Collana | Trends in Mathematics, , 2297-024X |
| Disciplina | 516.1 |
| Soggetti | Geometry, Algebraic
Mathematical physics
Algebraic Geometry
Mathematical Physics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Mirror symmetry constructions -- The B-model approach to topological string theory on Calabi-Yau n-folds -- Geometric quantizations with applications to Gromov-Witten theory -- Some classical/quantum |

aspects of Calabi-Yau moduli -- The total ancestor potential in singularity theory -- Lecture notes on bihamiltonian structures and their central invariants.

Sommario/riassunto

This book collects various perspectives, contributed by both mathematicians and physicists, on the B-model and its role in mirror symmetry. Mirror symmetry is an active topic of research in both the mathematics and physics communities, but among mathematicians, the “A-model” half of the story remains much better-understood than the B-model. This book aims to address that imbalance. It begins with an overview of several methods by which mirrors have been constructed, and from there, gives a thorough account of the “BCOV” B-model theory from a physical perspective; this includes the appearance of such phenomena as the holomorphic anomaly equation and connections to number theory via modularity. Following a mathematical exposition of the subject of quantization, the remainder of the book is devoted to the B-model from a mathematician’s point-of-view, including such topics as polyvector fields and primitive forms, Givental’s ancestor potential, and integrable systems.
