| | | |
|---|---|---|
| 1. | Record Nr. | UNINA9910300126003321 |
| | Titolo | 2016 MATRIX Annals / / edited by Jan de Gier, Cheryl E. Praeger, Terence Tao |
| | Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018 |
| | ISBN | 3-319-72299-9 |
| | Edizione | [1st ed. 2018.] |
| | Descrizione fisica | 1 online resource (667 pages) |
| | Collana | MATRIX Book Series, , 2523-3041 ; ; 1 |
| | Disciplina | 510.71 |
| | Soggetti | Category theory (Mathematics) |
| | | Homological algebra |
| | | Group theory |
| | | Mathematical optimization |
| | | K-theory |
| | | Topology |
| | | Category Theory, Homological Algebra |
| | | Group Theory and Generalizations |
| | | Optimization |
| | | K-Theory |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Nota di contenuto | Part I Refereed Articles: 1 Higher Structures in Geometry and Physics -- 2 Winter of Disconnectedness -- 3 Approximation and Optimisation -- 4 Refining C* Algebraic Invariants for Dynamics using KK-Theory -- 5 Interactions between Topological Recursion, Modularity, Quantum Invariants and Low-dimensional Topology -- Part II Other Contributed Articles: 6 Higher Structures in Geometry and Physics -- 7 Winter of Disconnectedness -- 8 Interactions between Topological Recursion, Modularity, Quantum Invariants and Low-dimensional Topology. |
| | Sommario/riassunto | MATRIX is Australia's international, residential mathematical research institute. It facilitates new collaborations and mathematical advances through intensive residential research programs, each lasting 1-4 weeks. This book is a scientific record of the five programs held at MATRIX in its first year, 2016: - Higher Structures in Geometry and |

Physics - Winter of Disconnectedness - Approximation and Optimisation - Refining C\*-Algebraic Invariants for Dynamics using KK-theory - Interactions between Topological Recursion, Modularity, Quantum Invariants and Low- dimensional Topology The MATRIX Scientific Committee selected these programs based on their scientific excellence and the participation rate of high-profile international participants. Each program included ample unstructured time to encourage collaborative research; some of the longer programs also included an embedded conference or lecture series. The articles are grouped into peer-reviewed contributions and other contributions. The peer-reviewed articles present original results or reviews on selected topics related to the MATRIX program; the remaining contributions are predominantly lecture notes based on talks or activities at MATRIX.