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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Preface -- Scientific Programme -- List of Participants and Conference Photo -- Representation stability in cohomology and asymptotics for families of varieties over finite fields -- 1. Introduction -- 2. The twisted Grothendieck-Lefschetz Formula -- 3. Hyperplane arrangements, their cohomology, and combinatorics of squarefree polynomials -- 4. Statistics of squarefree polynomials and the cohomology of the pure braid group -- 5. Maximal tori in ... -- References -- A stability conjecture for the unstable cohomology of .... mapping class groups, and... -- 1. Introduction -- 2. Stability in the unstable cohomology of -- 3. Stability in the unstable cohomology of mapping class groups -- 4. Stability in the unstable cohomology of ..... -- References -- The Boardman-Vogt tensor product of operadic bimodules -- Introduction -- 1. Lifting the Boardman-Vogt tensor product -- 2. The algebra of the divided powers functor -- Appendix A. Proofs of Proposition 1.20 and Theorem 1.22 -- References -- Detecting and realising characteristic classes of manifold bundles -- 1. Introduction and statement of results -- 2. Proof of Theorem 1.1 -- 3. Proof of Theorem 1.4 -- 4. Proof of Proposition 1.3 -- References -- Controlled Algebraic -theory, II -- 1. Introduction -- 2. Continuous Control for Filtered Modules -- 3. Continuously Controlled -theory -- 4. The Localization Homotopy Fibration -- 5. Controlled Excision

Theorems -- References -- More examples of discrete co-compact group actions -- Introduction -- 1. Groups with periodic cohomology -- 2. Homotopy theoretic commutative algebra -- 3. Extended powers and indexed monoidal products -- 4. Equivariant multiplicative closure -- References -- Topology of random simplicial complexes: a survey -- 1. Introduction -- 2. Random graphs -- 3. Random 2-complexes -- 4. Random flag complexes -- 5. Comments -- Acknowledgements -- References -- The definition of a non-commutative toric variety -- 1. Introduction -- 2. Classical Toric Varieties -- 3. Non-commutative Geometry -- 4. Variations on Diffeology -- 5. LVM-theory -- 6. Non-commutative Toric Varieties.