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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents -- Organizing Committee -- List of Participants -- Introduction -- A construction of integrable differential system associated with braid groups -- Mapping class groups of surfaces -- Automorphic sets and braids and singularities -- The operator algebras of the two dimensional Ising model -- Artin's braid groups, classical homotopy theory, and sundry other curiosities -- Classification of solvorbifolds in dimension three - I -- Pure braid groups and products of free groups -- Polynomial covering maps -- Arithmetic analogues of braid groups and Galois representations -- Application of braids to fixed points of surface maps -- Statistical mechanics and the Jones polynomial -- Hurwitz action and finite quotients of braid groups -- Heights of simple loops and pseudo-Anosov homeomorphisms -- Linear representations of braid groups and classical Yang-Baxter equations -- A survey of Hecke algebras and the Artin braid groups -- On divisibility properties of braids associated with algebraic curves -- The panorama of polynomials for knots, links and skeins -- The structure of deleted symmetric products -- Braid group technique in complex geometry, I: Line Arrangements

in Cp2 -- Problems -- Polynomials from braids -- The Jones polynomial of satellite links about mutants -- On the deformation of certain type of algebraic varieties -- Braids and discriminants -- tk moves on links -- Mutually braided open books and new invariants of fibered links -- Generalized braid groups and self-energy Feynman integrals -- Markov classes in certain finite symplectic representations of braid groups -- The braid index of an algebraic link -- Markov algebras.
