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| 1. Record Nr. | UNINA9910809224103321 |
| Titolo | Algebra, geometry, and their interactions : International Conference Midwest Algebra, Geometry and their Interactions, October 7-11, 2005, University of Notre Dame, Notre Dame, Indiana / / Albert Corso, Juan Migliore, Claudia Polini, editors |
| Pubbl/distr/stampa | Providence, Rhode Island : , : American Mathematical Society, , [2007] ©2007 |
| ISBN | 0-8218-8127-2 0-8218-4094-0 |
| Descrizione fisica | 1 online resource (282 p.) |
| Collana | Contemporary mathematics, , 0271-4132 ; ; 448 |
| Disciplina | 512 |
| Soggetti | Algebra Geometry |
| 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 | <p>""Contents""; ""Preface""; ""List of Talks at MAGIC'05""; ""Instability of projective reconstruction from 1-view near critical configurations in higher dimensions""; ""Examples and counterexamples on the conjectured Hilbert function of multiple points""; ""Projectively full ideals in Noetherian rings, a survey""; ""Cohomological degrees and the HomAB conjecture""; ""1. Introduction""; ""2. Degree functions and Auslander duals""; ""3. Isolated singularities and vector bundles""; ""4. Syzygies of near-perfect modules""; ""5. Ideal modules""; ""6. Open questions""; ""References""</p> <p>""A minimal generating set for the first syzygies of a monomial ideal"""" Lifting the determinantal property""; ""Resolutions of square-free monomial ideals via facet ideals: A survey""; ""Some finiteness properties of Lyubeznik's F-modules""; ""Minimal homogeneous liaison and licci ideals""; ""Unobstructedness and dimension of families of codimension 3 ACM algebras""; ""1. Introduction""; ""2. Preliminaries""; ""3. CM quotients of codimension 1 on a codimension 2 CM algebra""; ""4. Ideals generated by submaximal minors of symmetric matrices""; ""5. Final remarks and open problems""</p> |

""References"""; ""Ample vector bundles with sections vanishing on submanifolds of sectional genus three""; ""Finding all real points of a complex curve""; ""On the multiplicity conjecture""; ""1. Introduction""; ""2. Ideals generated by submaximal minors of symmetric matrices""; ""3. Final comments and remarks""; ""References"""; ""Efficiently detecting torsion points and subtori""; ""Divisor class groups of graded hypersurfaces""; ""Irrelevant exceptional divisors for curves on a smooth surface""; ""Variation of hyperplane sections""; ""Jet schemes of determinantal varieties""
