1.
Record Nr.	UNINA9910788753303321
Autore	Iarrobino Anthony A (Anthony Ayers), <1943->
Titolo	Associated graded algebra of a Gorenstein Artin algebra / / Anthony A. Iarrobino
Pubbl/distr/stampa	Providence, Rhode Island, United States : , : American Mathematical Society, , 1994 ©1994
ISBN	1-4704-0091-X
Descrizione fisica	1 online resource (128 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 107, Number 514
Disciplina	512
Soggetti	Artin algebras Gorenstein rings Characteristic functions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"January 1994, Volume 107, Number 514 (third of 4 numbers)"--Cover.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""4. COMPONENTS OF THE HILBERT SCHEME STRATA 4""""4A. Hilbert functions of m[sup(u) and 0 :m[sup(v)] and semicontinuity""; ""4B. Components of Gor[sub(T)]R when T = (1,3,3,2,1,1)""; ""4B.i. The variety Gor[sub(T)]R""; ""4B.ii. Fibration Gor[sub(T)]R to G[sub(T)]: Parametrization as fibred varieties""; ""4C. Finding Q(a) from a generator of the dual module""; ""5. WHAT DECOMPOSITIONS D AND SUBQUOTIENTS Q(a) CAN OCCUR?""; ""5A. Hilbert function of a graded Gorenstein Artin algebra""; ""5B. Numerical conditions on the decomposition D"" ""5C. Gorenstein Artin algebras with given decomposition D""""5D. Applications""; ""5E. Problems""; ""5F. Appendix: Hilbert function decompositions for lengths n a?? 21 when e a?? 3, and for n a?? 16""; ""5F.i. Hilbert functions of unique decomposition""; ""5F.ii. Hilbert functions having several decompositions""; ""5F.iii. Discussion""; ""6. RELATIVELY COMPRESSED ARTIN ALGEBRAS""; ""BIBLIOGRAPHY""; ""LIST OF THEOREMS, DEFINITIONS, AND EXAMPLES""; ""INDEX""; ""A""; ""B""; ""C""; ""D""; ""E""; ""F""; ""G""; ""H""; ""I""; ""L""; ""M""; ""N""; ""P""; ""R""; ""S""; ""T""; ""U""; ""V""