

1. Record Nr.	UNINA9910788754503321
Autore	Goto Shiro <1946->
Titolo	The Cohen-Macaulay and Gorenstein Rees algebras associated to filtrations / / Shiro Goto, Koji Nishida
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1994 ©1994
ISBN	1-4704-0105-3
Descrizione fisica	1 online resource (149 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Number 526
Disciplina	512/.4
Soggetti	Cohen-Macaulay rings Gorenstein rings Homology theory Singularities (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"July 1994, Volume 110, Number 526 (first of 6 numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Preface""; ""Part I: The Cohen-Macaulay symbolic Rees algebras for curve singularities""; ""1 Introduction""; ""2 Preliminaries""; ""3 The case of dimension 1""; ""4 The case of dimension 2""; ""5 The Cohen-Macaulay and Gorenstein properties of $G[\text{sub}((p))]$ ""; ""6 The Cohen-Macaulay and Gorenstein properties of $R[\text{sub}(s)](p)$ ""; ""7 Examples""; ""References""; ""Part II: Filtrations and the Gorenstein property of the associated Rees algebras""; ""1 Introduction""; ""2 Preliminaries""; ""3 Proof of Theorem (1.1)""; ""4 Proof of Theorems (1.3) and (1.5)""