

目次 (Table of Contents)

高木 俊輔, Shunsuke Takagi (九州大, Kyusyu Univ.) <i>F</i> -thresholds, tight closure, integral closure, and multiplicity bounds	1 ~ 8
寺井 直樹, Naoki Terai (佐賀大, Saga Univ.); 吉田 健一, Ken-ichi Yoshida (名古屋大, Nagoya Univ.) <i>Stanley-Reisner ideals which are complete intersections locally</i>	9 ~ 18
川崎 謙一郎, Ken-ichiroh Kawasaki (奈良教育大, Nara Univ. of Education) <i>Several results on finiteness properties of local cohomology modules over Cohen-Macaulay local rings</i>	19 ~ 24
Aldo Conca (Univ. of Genova) <i>Cohen-Macaulay property of graded rings associated to contracted ideals in dimension 2</i>	25 ~ 32
小野田 信春, Nobuharu Onoda (福井大, Univ. of Fukui) <i>On codimension-one A^1-fibrations over Noetherian normal domains</i>	33 ~ 42
宮崎 充弘, Mitsuhiro Miyazaki (京都教育大, Kyoto Univ. of Education) <i>Invariants of the unipotent radical of a Borel subgroup</i>	43 ~ 50
西田 康二, Koji Nishida (千葉大, Chiba Univ.) <i>An upper bound on the reduction number of an ideal</i>	51 ~ 58
後藤四郎, Shiro Goto (明治大, Meiji Univ.); 西田康司, Koji Nishida (千葉大, Chiba Univ.); 大関一秀, Kazuho Ozeki (明治大, Meiji Univ.) <i>Sally modules of rank one</i>	59 ~ 68
木村 杏子, Kyouko Kimura (名古屋大, Nagoya Univ.) <i>Analytic spread of squarefree monomial ideals</i>	69 ~ 72
後藤 四郎, Shiro Goto (明治大, Meiji Univ.); 木村 了, Satoru Kimura (明治大, Meiji Univ.); 松岡直之, Naoyuki Matsuoka (明治大, Meiji Univ.); Tran Thi Phuong (Ton Duc Thang Univ.) <i>Quasi-socle ideals in local rings with Gorenstein tangent cones</i>	73 ~ 82
早坂 太, Futoshi Hayasaka (明治大, Meiji Univ.) <i>A family of graded modules associated to a module</i>	83 ~ 92
居相 真一郎, Shin-ichiro Iai (北海道教育大, Hokkaido Univ. of education Sapporo) <i>A modification of Ikeda's theorem</i>	93 ~ 96
高橋 亮, Ryo Takahashi (信州大, Shinshu Univ.) <i>Contravariantly finite resolving subcategories over a Gorenstein local ring</i>	97 ~ 106
張間 忠人, Tadahito Harima (北海道教育大, Hokkaido Univ. of Education); 和地 輝仁, Akihito Wachi (北海道工業大, Hokkaido Institute of Technology) <i>Generic initial ideals, graded Betti numbers and k-Lefschetz properties</i>	107 ~ 120

森田 英章, Hideaki Morita (岡山高専, Oyama Kosen); 和地 輝仁, Akihito Wachi (北海道教育大, Hokkaido Institute of Technology); 渡辺 純三, Junzo Watanabe (東海大, Tokai Univ.) <i>The differential module of the polynomial ring with the action of the symmetric group</i>	121 ~ 126
Aldo Conca (Univ. of Genova) <i>Koszul algebras and Gröbner bases of quadrics</i>	127 ~ 134
蔵野 和彦, Kazuhiko Kurano (明治大, Meiji Univ.) <i>Symbolic Rees rings of space monomial curves in characteristic p and existence of negative curves in characteristic 0</i>	135 ~ 146
柳川 浩二, Kohji Yanagawa (関西大, Kansai Univ.) <i>Linearity Defect and Regularity over a Koszul Algebra</i>	147 ~ 156
村井 聡, Satoshi Murai (大阪大, Osaka Univ.) <i>Gotzmann ideals of the polynomial ring</i>	157 ~ 162
飯間 圭一郎, Kei-ichiro Iima (岡山大, Okayama Univ.); 吉野 雄二, Yuji Yoshino (岡山大, Okayama Univ.) <i>Gröbner bases for the polynomial ring with infinite variables and their applications</i>	163 ~ 168
平松 直哉, Naoya Hiramatsu (岡山大, Okayama Univ.); 吉野 雄二, Yuji Yoshino (岡山大, Okayama Univ.) <i>Remarks on equivalences of additive subcategories</i>	169 ~ 174
Saeed Naseh (IPM, 岡山大, Okayama Univ.); 吉野 雄二, Yuji Yoshino (岡山大, Okayama Univ.) <i>Ring extensions of AB rings</i>	175 ~ 180
荒谷 督司, Tokuji Araya (奈良教育大, Nara Univ. of Education) <i>Auslander-Reiten conjecture on Gorenstein rings</i>	181 ~ 184
加藤 希理子, Kiriko Kato (大阪府立大, Osaka Prefecture Univ.) <i>Quotient categories of homotopy categories</i>	185 ~ 194
黒田 茂, Shigeru Kuroda (首都大学東京, Tokyo Metropolitan Univ.) <i>Shostakov-Umirbaev reductions and Nagata's conjecture on a polynomial automorphism</i>	195 ~ 202
谷本 龍二, Ryuji Tanimoto (大阪大, Osaka Univ.) <i>An algorithm for computing generators of \mathbb{G}_a-invariant rings</i>	203 ~ 206
大溪 正浩, Masahiro Ohtani (名古屋大, Nagoya Univ.) <i>On G-local G-schemes</i>	207 ~ 214
渡辺 敬一, Kei-ichi Watanabe (日本大, Nihon Univ.) <i>Classification of 2-dimensional normal graded hypersurfaces with $a(R) = 1$</i>	215 ~ 226