

Table of contents

Preface	v
D. D. ANDERSON, M. ZAFRULLAH	
Splitting sets and weakly Matlis domains	1
D. F. ANDERSON, A. BADAWI, D. E. DOBBS, J. SHAPIRO	
Divisibility properties in ultrapowers of commutative rings	9
A. BADAWI	
On rings with divided nil ideal: a survey	21
C. BAKKARI, N. MAHDOU	
Prüfer-like conditions in pullbacks	41
V. BARUCCI	
On propinquity of numerical semigroups and one-dimensional local Cohen Macaulay rings	49
D. BENNIS, N. MAHDOU	
n -perfectness in pullbacks	61
S. BOUCHIBA	
On flatness of factor rings and Krull dimension of tensor products	69
S. BOUCHIBA, S. KABBAJ	
Bouvier's conjecture	79
P. CESARZ, S. T. CHAPMAN, S. MCADAM, G. J. SCHAEFFER	
Elastic properties of some semirings defined by positive systems	89
J.-L. CHABERT	
Integer-valued polynomial in valued fields with an application to discrete dynamical systems	103
F. COUCHOT	
Almost clean rings and arithmetical rings	135
M. D'ANNA, C. A. FINOCCHIARO, M. FONTANA	
Amalgamated algebras along an ideal	155
D. E. DOBBS	
A sheaf-theoretic bound on the cardinality of a finite ring	173

D. E. DOBBS, G. PICAUVET	
Straight rings, II	183
S. EL BAGHDADI	
On TV-domains	207
L. EL FADIL	
Integral basis of cubic number fields	213
J. ELLIOTT	
Some new approaches to integer-valued polynomial rings	223
Y. FARES	
v -ordering sequences and countable sets	239
F. HALTER-KOCH	
Mixed invertibility and Prüfer-like monoids and domains	247
S. HIZEM	
Chain conditions in rings of the form $A + XB[X]$ and $A + XI[X]$	259
A. JHILAL, N. MAHDOU	
On (n, d) -perfect rings	275
S. KABBAJ, A. MIMOUNI	
t -Class semigroups of Noetherian domains	283
N. MAHDOU, K. OUARGHI	
Gorenstein dimensions in trivial ring extensions	291
R. MATSUDA	
Note on Prüfer $\star$ -multiplication domains and class groups	301
S. B. MULAY	
Schubert varieties with inequidimensional singular locus	313
B. OLBERDING	
On Matlis domains and Prüfer sections of Noetherian domains	321
L. SALCE	
Transfinite self-idealization and commutative rings of triangular matrices	333
S. SATHER-WAGSTAFF	
Bass numbers and semidualizing complexes	349
I. SWANSON	
Every numerical semigroup is one over d of infinitely many symmetric numerical semigroups	383