

JOURNAL OF COMMUTATIVE ALGEBRA

Volume 14

2022

Number 4

On atomic density of numerical semigroup algebras

- AUSTIN A. ANTONIOU, RANTHONY A. C. EDMONDS, BETHANY KUBIK, CHRISTOPHER O'NEILL
AND SHANNON TALBOTT 455

Generalized power series with a limited number of factorizations

- NGOC P. AYLESWORTH AND JASON R. JUETT 471

An inequality in mixed multiplicities

- SUPRAJO DAS 509

On the implicit constant fields and key polynomials for valuation algebraic extensions

- ARPAN DUTTA 515

Good rings and homogeneous polynomials

- JEAN FRESNEL AND MICHEL MATIGNON 527

Artinian Gorenstein algebras that are free extensions over $k[t]/(t^n)$, and Macaulay duality

- ANTHONY IARROBINO, PEDRO MACIAS MARQUES AND CHRIS McDANIEL 553

New phenomena in the containment problem for simplicial arrangements

- MAREK JANASZ, MAGDALENA LAMPA-BACZYŃSKA AND GRZEGORZ MALARA 571

Unimodular rows over monoid extensions of overrings of polynomial rings

- MARIA A. MATHEW AND MANOJ K. KESHARI 583

Big Cohen–Macaulay test ideals on mixed characteristic Toric schemes

- MARCUS ROBINSON 591

Author index for Volume 14..... 603