

---

**CONTENTS**

Valuative and geometric characterizations of Cox sheaves  
By BENJAMIN BECHTOLD..... 1

Discrete valuation overrings of a graded Noetherian domain  
By GYU WHAN CHANG AND DONG YEOL OH ..... 45

Cohomology of finite modules over short Gorenstein rings  
By MELISSA C. MENNING AND LIANA M. ŞEGA ..... 63

Dual  $F$ -signature of special Cohen-Macaulay modules over  
cyclic quotient surface singularities  
By YUSUKE NAKAJIMA ..... 83

Tilting objects on some global quotient stacks  
By SAŠA NOVAKOVIĆ ..... 107

Systems of parameters and the Cohen-Macaulay property  
By KATHARINE SHULTIS ..... 139