

# BULLETIN MATHÉMATIQUE

DE LA SOCIÉTÉ DES SCIENCES MATHÉMATIQUES DE ROUMANIE

## Accepted papers currently awaiting publication:

(updated on February 15, 2026)

- Xiaoqin Gao, Frank Z. K. Li, Lingli Wan, Jane Y. X. Yang, Lattice paths related to descents and inverse descents in hyperoctahedral groups
- Gholamreza Pirmohammadi, Attached primes of top local cohomology modules
- Guoping Gu, Xiaoxia Wang, A family of  $q$ -analogues for a congruence by Sun
- Long Li, Two  $q$ -supercongruences from Jackson's  ${}_6\phi_5$  summation
- Raziye Molaei, Kazem Khashyarmansh,  $\mathbb{Z}_{p^r}\mathbb{Z}_{p^s}$ -Double cyclic codes
- Rikio Ichishima, Francesc-Antoni Muntaner-Batle, Akito Oshima, Yukio Takahashi, On certain labelings of disjoint unions of cycles and stars
- Moharram Aghapournahr, Abelian category of cominimax modules and local cohomology
- Guo-Shuai Mao, Zhi-Wei Sun, Proof of a conjectural supercongruence modulo  $p^5$
- Mirela Jukić Bokun, Ivan Soldo, Triangular  $D(-1)$ -tuples
- Pablo Rocha, Classical discrete operators on variable  $\ell^{p(\cdot)}(\mathbb{Z})$  spaces
- Zhi-Wei Sun, Problems and results on determinants involving Legendre symbols

- Lixin Mao, Semi-Gorenstein projective, injective and flat modules with respect to a semidualizing module
  
- Ömer Faruk Doğan, Closures of harmonic Bergman-Besov spaces in the weighted harmonic Bloch spaces on the unit ball
  
- Qi Chen, Victor J. W. Guo, A generalization of a  $q$ -congruence of Liu and Wang
  
- Yang Gao, Qingzhong Ji, Quantitative Estimates of the Zsigmondy Set Size for Polynomial Recursive Sequences
  
- Jiachang Ye, Which  $L$ -cospectral graphs have same degree sequences
  
- Zhikui Chang, Liping Yuan, Tudor Zamfirescu, Non-obtuse triangulations of surfaces of Archimedean solids
  
- Zhi-Hong Sun, Yin-Yin Tu, Turán's problem for two trees  $T_n$  with maximal degree  $n - 4$
  
- Sungjin Kim, Wai Yan Pong, A smooth function with certain convexity properties
  
- Septimiu Crivei, Simona Maria Radu, Transfer of (dual) strongly CS-Rickart properties via functors between abelian categories
  
- Tran Nguyen An, Irreducible multiplicity of idealizations
  
- Yipeng Liao, Peichao Wei, Zoran Stanić, On the zero forcing number of graphs with given cyclomatic number
  
- Rajat Kanti Nath, Firdous Ee Jannat, Kinkar Chandra Das, Common neighborhood Laplacian and signless Laplacian spectra and energies of graphs
  
- Rareş Ambrosie, New constructions of biharmonic polynomial maps between spheres

- Karsten Bohlen, On a Semiclassical Euclidean Signature Semilinear Schrödinger Equation for Lie Groupoids
  
- Jae Gil Choi, Sanghun Byeon, The generalized transform and the generalized convolution on function space
  
- Qianlin Yao, Yipeng Liao, Feng Li, Shumei Pang, Which  $Q$ -cospectral graphs have same degree sequences
  
- Xiaoying Liu, Victor Zhenyu Guo, Li Lu, Zhefeng Xu,  $k$ -free numbers in Piatetski-Shapiro sequences
  
- Lee-Peng Teo, Generalized Curvatures of Curves in  $\mathbb{R}^n$
  
- Keng Hao Ooi, A Note on Interpolations Associated with Capacities
  
- Bin Zhang, Bing Li, Remarks on non-flat ternary cyclotomic polynomials
  
- Jing Gao, Irena M. Jovanović, On the spectrum and energy of certain graphs with self-loops
  
- Marius Băloi, A new approach in constructing isogenies of elliptic curves in characteristic three