

# BULLETIN MATHÉMATIQUE

DE LA SOCIÉTÉ DES SCIENCES MATHÉMATIQUES DE ROUMANIE

## Accepted papers currently awaiting publication:

(updated on February 8, 2025)

- Sang Kil Shim, Ae Young Ko, Jae Gil Choi, Fubini theorem for conditional Fourier–Feynman transforms associated with random vectors
- Hacène Belbachir, El-Mehdi Mehiri, Counting elementary moves in the optimal solution of the Tower of Hanoi problem
- Shiwei Cao, Jing Jin, Olivia X.M. Yao, Xinyuan Zhou, Infinite families of congruences modulo 4 for 16-regular partitions
- Maryam Ahmadi, Ahad Rahimi, Sequentially Cohen–Macaulayness under Foxby equivalence
- Ahmed Mohammed Cherif, On the nonexistence of harmonic and bi-harmonic maps
- Haiying Li, Xingfang Wang, Two modified inertial projection methods for solving quasimonotone variational inequalities
- Rikio Ichishima, Francesc Muntaner-Batlé, Yukio Takahashi, Some new results concerning the valences of (super) edge-magic graphs
- Ji-Cai Liu, Xue-Ting Jiang, Yeong-Nan Yeh, On super Catalan numbers modulo 8
- Yifan Chen, Xiaoxia Wang, Some Lucas-like congruences for  $q$ -trinomial coefficients
- Gülcan Kekeç,  $U$ -numbers in fields of positive characteristic

- Asma Ben Moussa, Abdelfeteh Fareh, Salim A. Messaoudi, Mohamed Alahyane, Well posedness and exponential stability of a thermoelastic Shear beam model
- Antonino Ficarra, Homological shifts of polymatroidal ideals
- Marian Aprodu, Laura Filimon, Sections of  $K3$  surfaces with Picard number two and Mercat's conjecture
- Tom Richmond, Josef Šlapal, Closure Operators for Semitopogenous Spaces
- Luis A. Dupont-García, Emanuel Portilla-Cruz, Armando Sánchez-Nungaray, The zero-divisor graph of the edge-ring of a simple graph
- Si Duc Quang, Do Thi Thuy Hang, On generalized Gauss maps of minimal surfaces sharing hypersurfaces in a projective variety
- Xiaoqin Gao, Frank Z. K. Li, Lingli Wan, Jane Y. X. Yang, Lattice paths related to descents and inverse descents in hyperoctahedral groups
- Victor Alexandru, Sever Angel Popescu, On a Problem in Valuation Theory
- L. Dammak, M. Hbaib, S. Miladi, Transcendence criteria for non quadratic Ruban continued fractions in  $\mathbb{Q}_p$
- Tiberiu Dumitrescu, Mihai Epure, Alexandru Gica, Lifting multiplicative lattices to ideal systems
- 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
- Ștefan O. I. Tohăneanu, Generalized Hamming weights and minimal shifts of Orlik-Terao algebras
- 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
- Mirela Jukić Bokun, Ivan Soldo, Triangular  $D(-1)$ -tuples
- Pablo Rocha, Classical discrete operators on variable  $\ell^{p(\cdot)}(\mathbb{Z})$  spaces
- Qi Chen, Victor J. W. Guo, A generalization of a  $q$ -congruence of Liu and Wang
- Jiachang Ye, Which  $L$ -cospectral graphs have same degree sequences
- Mircea Martin, Algebra environments III. Geometric structures on smooth vector bundles