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Publications

1. *Derivations in a endomorphism semiring*, Serdica Math. Journal Bulgarian Academy of Sciences, Vol.42, No. 3-4, 2016, pp. 251 – 260.
2. *Derivatives of triangular, Toeplitz, circulant matrices and of matrices of other forms over semirings*, Appl. Math. in Eng. and Econ. – 43th. Int. Conf. 2017, American Institute of Physics Conference Proceedings 1910, 060006-1 – 060006-12. <https://doi.org/10.1063/1.5014000>.
3. *Projections of k -simplex onto the subsimplices of arbitrary type are derivations*, Comptes rendus de l'Académie bulgare des Sciences, Tome 71, No 1, 2018, 3–9. <https://doi.org/10.7546/GRABS2018.1.01>
4. *Projections on right and left ideals of endomorphism semiring which are derivations*, Journal of Algebra and its Applications, Vol. 19, No. 11 2050212-1 – 2050212-26. <https://doi.org/10.1142/S0219498820502126>
5. *Derivations of polynomial semirings*, International Journal of Algebra and Computation, Vol.30, No.1, 1 - 12. <https://doi.org/10.1142/S0218196719500620>.
6. *Derivations of skew Ore polynomial semirings*, Communications in Algebra, 48(11); 4718-4731. <https://doi.org/10.1080/00927872.2020.1769641>.
7. *Derivations of matrix semirings*, Journal of Algebra and its Applications. 20(8): 2150150-1 - 2150150-12. <https://doi.org/10.1142/S0219498821501504>
8. *Derivations of upper triangular matrix semirings*, Linear and Multilinear Algebra. 70(4): 625-641. <https://doi.org/10.1080/03081087.2020.1740641>.
9. *Endomorphisms of upper triangular matrix semirings*, Communications in Algebra, 50(2): 822-835. <https://doi.org/10.1080/00927872.2021.1972306>
10. *Derivations of triangular matrix rings*. Linear Multilinear Algebra. 71(9): 1450-1461. <https://doi.org/10.1080/03081087.2022.2063786>
11. *Endomorphisms of upper triangular matrix rings*. Beiträge zur Algebra und Geometrie. 65, 291-306. <https://doi.org/10.1080/03081087.2022.206378610.1007/s13366-023-00688-w>.

12. *Derivations of some classes of additively idempotent semirings.* Communications in Algebra. Volume 51(8) (2023), 3244-3265, <https://doi.org/10.1080/00927872.2023.2181630>.

13. *The role of semicentral idempotents in triangular matrix rings.* Communications in Algebra. Volume 53(3) (2025), 1024-1038, <https://doi.org/10.1080/00927872.2024.2398629>

14. *Idempotent Triangular Matrices over Additively Idempotent Semirings: Decompositions into Products of Semicentral Idempotents.* Axioms 2025, 14, 137. <https://doi.org/10.3390/axioms14020137>.