Име: Димитринка Иванова Владева-Трендафилова

Родена на 10.02.1957 в град Велико Търново

НАУЧНИ ИНТЕРЕСИ:

Полупръстени от ендоморфизми, матрични полупръстени, диференцирания в полупръстени, комбинаторика, стохастични процеси.

RESEARCH INTERESTS:

Endomorphism semirings, Matrix semirings, Derivations in semirings, Combinatorics, Stochastic processes.

SCIENTIFIC PUBLICATIONS

1. D. Vladeva (2020) ***Derivations of matrix semirings***, Journal of Algebra and its Applications, World Scientific Publishing Company DOI:10.1142/S0219498821501504

2. D. Vladeva (2020) ***Derivations of skew Ore polynomial semirings***, Communications in Algebra, DOI: 10.1080/00927872.2020.1769641

3. D. Vladeva (2020) ***Derivations of upper triangular matrix semirings***, Linear and Multilinear Algebra, DOI: 10.1080/03081087.2020.1740641.

4. D. Vladeva (2020) ***Projections on right and left ideals of endomorphism semiring which are derivations***, Journal of Algebra and its Applications, DOI: 10.1142/S0219498820502126.

5. D. Vladeva (2020) ***Derivations of polynomial semirings***, International Journal of Algebra and Computation, 2020, Vol.30, No.1, 1 - 12, DOI: 10.1142/S0218196719500620.

6. D. Vladeva, I. Trendafilov (2019) ***Nilpotent and Idempotent Elements of Subsemirings of the Endomorphism Semiring of an Infinite Chain***, Appl. Math. in Eng. and Econ. – 45th. Int. Conf. 2019, American Institute of Physics Conference Proceedings 2172, 110003-1 – 110003-8; https://doi.org/10.1063/1.5133606.

7. D. Vladeva, Trendafilov I. (2019) ***Subsemirings of Simplices with the Same Vertices or with the Same Configuration***, Appl. Math. in Eng. and Econ. – 45th. Int. Conf. 2019, American Institute of Physics Conference Proceedings 2172, 110004-1-110004-8; https://doi.org/10.1063/1.5133607.

8. D. Vladeva (2018) ***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.

9. D. Vladeva, (2017) ***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.

10. D. Vladeva (2016) ***Derivations in a endomorphism semiring,*** Serdica Math. J.- Bulgarian Academy of Sciences, Vol.42, No. 3-4, 2016, pp. 251 – 260.

11. D. Vladeva, I. Trendafilov (2015) ***Derivations in a tetrahedron***, Appl. Math. in Eng. and Econ. – 41th. Int. Conf. 2015, American Institute of Physics Conference Proceedings 1690, 060004-1 – 060004-6 (2015), http://dx.doi.org/10.1063/1.4936742.

12. D. Vladeva, (2015), ***Parameter estimation of Black–Sholes–Merton model by random observation***, Appl. Math. in Eng. and Econ. – 41th. Int. Conf. 2015, American Institute of Physics Conference Proceedings 1690, 020007-1 – 020007-5, http://dx.doi.org/10.1063/1.4936685.

13. I. Trendafilov, **D. Vladeva** (2013) ***Combinatorial Results for Geometric Structures in Endomorphism Semirings***, Appl. Math. in Eng. and Econ. – 39th. Int. Conf. (2013) American Institute of Physics Conf. Proc. 1570, 461 – 468, http://dx.doi: 10.1063/1.4854790.

14. I. Trendafilov, **D. Vladeva** (2013) ***Idempotent Elements of the Endomorphism Semiring of a Finite Chain***, Comptes rendus de l'Académie bulgare des Sciences, Tome 66, No 5, 2013, 621–628.

15. I. Trendafilov, **D. Vladeva** (2012) ***On some semigroups of the partial transformation semigroup***, Appl. Math. in Eng. and Econ. – 38th. Int. Conf. (2012) American Institute of Physics Conf. Proc. 1497, 2012, 371–378, http://dx.doi.org/10.1063/1.4766807.

16. Д. Владева (2018) ***Derivations in endomorphism semirings* (scientific monograph)**, Heron Press, Sofia, 2018, 206 pp. ISBN 978-954-580-374-1.

17. D. Vladeva (2020) ***Endomorphism semirings of an infinite chain* (scientific monograph)** - Heron Press, Sofia, 2020, 134 pp. ISBN 978-954-580-387-1 (in Bulgarian).