

СПИСЪК

с цитатите на д.м.н. Йорг Копиц

1. Dimitrova I. and Koppitz, J., On the Monoid of All Partial Order-preserving Extensive Transformations, *Communications in Algebra* 40, No. 5(2012), 1824 – 1829.

1.1 Ping Zhao, Locally maximal regular subsemibands of SOPn, *Bulletin of the Malaysian Mathematical Sciences Society*, 37(3) (2014), 881 – 892.
Impact factor 2014: 0.586

1.2 Ivan Trendafilov, Dimitrinka Vladeva, On some semigroups of the partial transformation semigroup, *AIP Conf. Proc.* 1497, (2012), 371-378. *Applications of Mathematics in Engineering and Economics* (AMEE'12): Proceedings of the 38th International Conference, Sozopol June 8 – 13, 2012.

2. Dimitrova I., Fernandes, V.H., and Koppitz, J., The maximal subsemigroups of semigroups of transformations preserving or reversing the orientation on a finite chain, *Publications Mathematics Debrecen* 81, No. 1-2(2012), 11 – 29.

2.1 C. Donovan, J. D. Mitchell, W. Wilson, Computing maximal subsemi-groups of a finite semigroup, arXiv:1606.05583v1.

2.2 V.H. Fernandes, P. Honyam, T.M. Quinteiro, B. Singha, On Semigroups of Orientation-preserving Transformations with Restricted Range, *Communications in Algebra*, Volume 44, Issue 1 (2016), 253-264.
Impact factor 2016: 0,368

2.3 Paula M.C. Catarino, P.M. Higgins, Inessa none Levi, On inverse subsemigroups of the semigroup of orientation-preserving or orientation-reversing transformations, *Algebra and Discrete Mathematics*, 19(2) (2015), 162 - 171.

2.4 Ping Zhao, V.H. Fernandes, The Ranks of Ideals in Various Transformation Monoids, *Communications in Algebra*, 43(2), (2015), 674 – 692.
Impact factor 2015: 0,368

2.5 Ping Zhao, Locally maximal regular subsemibands of SOP_n , *Bulletin of the Malaysian Mathematical Sciences Society*, 37(3) (2014), 881 – 892.

Impact factor 2014: 0,586

2.6 Ivan Trendafilov, Dimitrinka Vladeva, On some semigroups of the partial transformation semigroup, *AIP Conf. Proc.* 1497, (2012), 371-378. *Applications of Mathematics in Engineering and Economics (AMEE'12): Proceedings of the 38th International Conference, Sozopol June 8 – 13, 2012.*

3. Dimitrova I. and Koppitz, J., Coregular semigroups of full transformations, *Demonstratio Mathematica* 44, No. 4(2011), 739–753.

3.1 R. Tanyawong, R. Srithus, R. Chinram, Regular subsemigroups of the semigroups of transformations preserving a fence, *Asian-European Journal of Mathematics*, 9(1), (2016).

3.2 K. Jendana, R. Srithus, Coregularity of order-preserving self mapping semigroups of fences, *Communications of the Korean Mathematical Society*, 30(4), (2015), 349-361.

3.3 Yu. V. Zhuchok, E. A. Toichkina, The endotopism semigroups of an equivalence relation, *Sb. Math.*, 205(5) (2014), 646
doi:10.1070/SM2014v205n05ABEH004392

Impact factor 2014: 0,510

4. Dimitrova I. and Koppitz, J., On the Maximal Regular Subsemigroups of Ideals of Order-preserving or Order-reversing Transformations, *Semigroup Forum* 82, No. 1(2011), 172–180.

4.1 Ping Zhao, Huabi Hu, Taijie You, Maximal Regular Subsemibands of the Finite Order-Preserving Partial Transformation Semigroups $PO(n,r)$, *The Bulletin of the Malaysian Mathematical Society*, Series 2, March 2016, DOI:

10.1007/s40840-016-0344-0.

Impact factor 2016: 0,586

4.2 L. Laradji, A. Umar, Combinatorial results for semigroups of order-preserving or order-reversing subpermutations, *Journal of Difference Equations and Applications*, 21(3) (2015), 269 – 283

4.3 Gracinda M. S. Gomes, N. Ruškuc, John Macintosh Howie: work and legacy, *Semigroup Forum*, (2014), DOI: 10.1007/s00233-014-9628-6
Impact factor 2014: 0,372

4.4 Ping Zhao, Locally maximal regular subsemibands of SOP_n , *Bulletin of the Malaysian Mathematical Sciences Society*, 37(3) (2014), 881 – 892.
Impact factor 2014: 0,586

4.5 Ping Zhao, Maximal regular subsemibands of finite order-preserving transformation semigroups $K(n,r)$, *Semigroup Forum*, Vol. 84(1), (2012), 97 – 115, DOI 10.1007/s00233-011-9347-1.
Impact factor 2012: 0,455

4.6 Ivan Trendafilov, Dimitrinka Vladeva, On some semigroups of the partial transformation semigroup, *AIP Conf. Proc.* 1497, (2012), 371-378. *Applications of Mathematics in Engineering and Economics (AMEE'12): Proceedings of the 38th International Conference*, Sozopol June 8 – 13, 2012.

4.7 Ahmed, Amna Mohamed Abdelgader, Abstract topological dynamics, Ph.D. Thesis, University of Birmingham, (2012), 143 p.

**5. Shtrakov, Sl. and Koppitz, J., *On Finite Functions with Non-trivial Arity Gap*, *Discussiones Mathematicae General Algebra and Applications* 30(2010), 217-245.
Zbl.124508004**

5.1 M. Couceiro, E. Lehtonen, T. Waldhauser, Parametrized arity gap, *Order* 30(2010), no. 2, 557-572.

5.2 M. Couceiro, E. Lehtonen, T. Waldhauser, Decompositions of functions based on arity gap, *Discrete Math.* 312(2012), no. 2, 238–247.
Impact factor 2012: 0,578

6. Dimitrova I. and Koppitz, J., The Maximal Subsemigroups of the Ideals of Some Semigroups of Partial Injections, *Discussiones Mathematicae General Algebra and Applications* 29(2009), 153–167.

6.1 C. Donovan, J. D. Mitchell, W. Wilson, Computing maximal subsemigroups of a finite semigroup, arXiv:1606.05583v1.

6.2 Laradji, A. Umar, Combinatorial results for semigroups of order-preserving or order-reversing subpermutations, *Journal of Difference Equations and Applications*, 21(3) (2015), 269 – 283.

7. Dimitrova I. and Koppitz, J., On the Maximal Subsemigroups of Some Transformation Semigroups, *Asian-European Journal of Mathematics* Vol. 1, No. 2(2008), 189–202.

7.1 Ping Zhao, V.H. Fernandes, The Ranks of Ideals in Various Transformation Monoids, *Communications in Algebra*, 43(2), (2015), 674 – 692.
Impact factor 2015: 0,368

7.2 Ping Zhao, Locally maximal regular subsemibands of SOP_n , *Bulletin of the Malaysian Mathematical Sciences Society*, 37(3) (2014), 881 – 892.
Impact factor 2014: 0,586

7.3 Ping Zhao, Maximal regular subsemibands of finite order-preserving transformation semigroups $K(n,r)$, *Semigroup Forum*, Vol. 84(1), (2012), 97 – 115.
Impact factor 2012: 0,455

8. Denecke, K., Koppitz, J. and Srithus, R., *The degree of proper hypersubstitutions*, *Sci. Math. Jpn.* 66, No. 2(2007), 203-216.

8.1 T. Musunthia, The Variety of rings with involution satisfying $x=x^7$, *Asian-European J. Math* 1, No. 3(2008), 397-414.

8.2 Denecke, K. and R. Srithus, Binary Relations on the Monoid of V-proper hypersubstitutions, *Discussiones Mathematicae General Algebra and Applications* 26 (2006), 233–251.

8.3 Denecke, K. and R. Srithus, Properties of Varieties determined by the Degrees of Proper Hypersubstitutions, *Asian-European Journal Mathematics* 01, No. 1(2008), 53-68.

8.4 K. Denecke, S.L. Wismath, The Dimension on a Variety and the Kernel of a Hypersubstitution, *Int J. of Algebra and Computation*, 19, no. 6(2009), 841-854.
Impact factor 2009: 0,483

9. Denecke, K., Koppitz, J. and Shtrakov, Sl., *Multi-Hypersubstitutions and Colored Solid Varieties*, *International Journal of Algebra and Computation* Vol. 16, No. 4(2006), 797-815.

9.1 V. Melkonian, Circuit Integration through lattice Hyperterms, *Discrete Mathematic, Algorithms and Applications* Vol. 3, No. 1(2011), 101-119.

9.2 Sl. Shtrakov, Essential Variables and Positions in Terms, *Algebra Universalis* 61(2009), 381-397.
Impact factor 2009: 0,324

10. Denecke, K., Koppitz, J. and Niwcyk, St., *Equational Theory generated by Hypersubstitutions of type (n)*, *Int. J. Algebra Comput.* 12, No. 6(2002), 867-876.

10.1 Th. Changphas and S. L. Wismath, Green's Relations on the Monoid of Regular Hypersubstitutions, *Algebra Colloq.* 13(2006), 623.
Impact factor 2006: 0,102

10.2 K. Denecke, SL. Wismath, The Dimension on a Variety and the Kernel of a Hypersubstitution, *Int. J. of Algebra and Computation*, 19(2009), 841-854.
Impact factor 2009: 0,483

11 Denecke, K., Koppitz, J. and Wismath, S.L., *Solid varieties of arbitrary type*, *Algebra Universalis* 48(2002), 357-378. Zbl 106408006

11.1 W. Puninagool, S. Leeratanavalee Complexity of terms, superpositions, and generalized hypersubstitutions. *Comput. Math. Appl.* 59(2010), 1038–1045.
Impact factor 2010: 1,472

11.2 Wismath, S.L., Hyperidentities and solid varieties. Special issue dedicated to Walter Taylor, *Algebra Universalis* 55 (2006), no. 2-3, 305–318.
Impact factor 2006: 0,230

11.3 Denecke, K., Wismath S.L., A characterization of k-normal varieties. *Algebra Universalis* 50 (2003), no. 4, 395–409.

11.4 Denecke, K., Wismath S.L., Valuations of terms, *Algebra Universalis* 50 (2003), no. 1, 107–128.

12. Denecke, K. and Koppitz, J., *Essential variables in hypersubstitutions*, *Algebra Universalis* 46(2001), 443-454. Zbl 105808004

12.1 E. Lehtonen, T. Waldhauser, Additive decomposability of functions over abelian groups, *Int. J. Algebra Comput.* 23 (2013), no. 3, 643–666.
Impact factor 2013: 0,436

12.2 M. Couceiro, E. Lehtonen, T. Waldhauser, Decompositions of functions based on arity gap, *Discrete Math.* 313, no. 2(2012), 238–247.
Impact factor 2012: 0,578

13. Denecke, K., Koppitz, J. and Wismath, S.L., *The semantical hyperunification problem*, *Discussiones Mathematicae General Algebra and Applications* 21(2001), 175-200. Zbl 100808002

13.1 Denecke, K., Wismath. S.L., The dimension of a variety and the kernel of a hypersubstitution, *Int. J. Algebra Comput.* 19 (2009), no. 6, 841–854.
Impact factor 2009: 0,483

14. Koppitz, J., *All 2-solid varieties of semigroups*, *Semigroup Forum* Vol. 60(2000), 405-423.

14.1 E. Graczyński, D. Schweigert, Hybrid bases for varieties of semigroups, *Algebra Universalis* 50(2), 2003, 129-139.

14.2 S.L. Wismath, Fundamental M-solid and Fundamental M-closed Varieties, *Southeast Asian Bulletin of Mathematics* 25(1), 2001, 161-174

14.3 T.A. Hakobyan, Yu M. Monsisyan, Artin Theorem for semigroups, *J. Algebra Appl.*, 2015, DOI: <http://dx.doi.org/10.1142/S0219498817500347>
Impact factor 2015: 0,365

14.4 S.L. Wismath, Hyperidentities and Solid Varieties, *Algebra Universalis*, 55(2), 2006, 305-318.

Impact factor 2006: 0,230

15. Denecke, K. and Koppitz, J., *Finite monoids of hypersubstitutions of type $\tau = (2)$* , *Semigroup Forum* Vol. 56(1998), 265-275. Zbl 108020502

15.1 T. Changhas, Denecke, K., All idempotent hypersubstitutions of type (2,2), *Semigroup Forum* 76 (2008), no. 3, 525–539.

Impact factor 2008: 0,493

16. Denecke, K., Koppitz, J. and Marszalek, R., *Derived theories and derived equational theories*, *International Journal of Algebra and Computation* Vol. 8, No. 2(1998), 153-169.

16.1 K. Denecke, S.L. Wismath, *Hyperidentities and Clones*, 2000

16.2 T. Changhas, K. Denecke, Green's relations on the seminearring of full hypersubstitutions of type (n), *Journal Algebra and Discrete Mathematics* 2(2003), 6-19.

16.3 T. Changhas, K. Denecke, Green's Relation R on the Monoid of Clone Endomorphisms, *Algebra Colloquium*, 12, 3(2005), 519-530.

Impact factor 2005: 0,271

16.4 T. Changhas, K. Denecke, Green's Relation R on the Monoid of Hypersubstitutions, *Southeast Asian Bulletin of Mathematics*. 2007, Vol. 31(1), 43-54.

16.5 Ewa Graczyńska, A Note on Hyperidentities, *Bulletin of the Section of Logic* Volume 37/1 (2008), 1–9.

17. Denecke, K. and Koppitz, J., *Pre-Solid Varieties of Commutative Semigroups*, *Tatra Mountains Math. Publ.* 5(1995), 35-41.

17.1 K. Denecke, D. Lau, R. Pöschel, D. Schweigert, Free Clones and Solid Varieties, *General Algebra and Discrete Mathematics* K. Denecke, O. Lüders (eds.) @ Heldermann-Verlag Berlin 1995 59-81.

17.2 K. Denecke, K. Głazek, M-solid varieties and Q-free clones, *Mathematica Slovaca*, Vol. 46 (1996), No. 5, 515--524.

17.3 K. Denecke, S.L. Wismath, *Hyperidentities and Clones*, 2000

17.4 B. Pibaljommee, International, Fuzzy M-Solid Subvarieties, *Journal of Algebra*, Vol. 5, 2011, no. 24, 1195 - 1205.

18. Denecke, K. and Koppitz, J., *Pre-Solid Varieties of Semigroups*, *Archivum Mathematicum (Brno)* Tomus 31(1995), 171-181.

18.1 D. Schweigert, S.L. Wismath, Derived varieties of Semigroups and Groupoids, *Algebra universalis* (1997), Volume 38(1), 36-55.

18.2 D. Cowan, S.L. Wismath, Unary Iterative Hyperidentities for varieties of inverse semigroups, *Semigroup Forum* 55(2), 1999, 221-231.
Impact factor 1997: 0,238

18.3 K. Denecke, SL Wismath, *Hyperidentities and Clones*, 2000

18.4 K. Denecke, H. Hyndman, and SL Wismath, The Galois Correspondence between Subvariety Lattices and Hypersubstitutions, *Discussiones Mathematicae General Algebra and Applications* 20(1), 2000, 21-36.

19. Denecke, K. and Koppitz, J., *Hyperassociative Varieties of Semigroups*, *Semigroup Forum* Vol. 49(1994), 41-48. Zbl 080620049

19.1 S. L. Wismath, Hyperidentities and solid varieties, *Algebra Universalis* 55 (2006), no. 2-3, 305–318.
Impact factor 2006: 0,230