

AJDA FOŠNER [23005]

Personal bibliography for the period

1993-2014

ARTICLES AND OTHER COMPONENT PARTS

1.01 Original scientific article

1. FOŠNER, Ajda. Prime and semiprime rings with symmetric skew 3-derivations. *Aequationes mathematicae*, ISSN 0001-9054, 2014, vol. 87, iss. 1-2, str. 191-200.

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2. ALI, Shakir, FOŠNER, Ajda. On generalized (m,n)-derivations and generalized (m,n)-Jordan derivations in rings. *Algebra colloquium*, ISSN 1005-3867, 2014, vol. 21, iss. 3, str. 411-420.

<http://dx.doi.org/10.1142/S1005386714000352>. [COBISS.SI-ID [17056089](#)]

3. FOŠNER, Ajda, REHMAN, Nadeem Ur. Identities with additive mappings in semiprime rings. *Bulletin of the Korean Mathematical Society*, ISSN 1015-8634, 2014, vol. 51, no. 1, str. 207-211.
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4. FOŠNER, Ajda, LEE, Tsiu Kwen. Jordan [star]-derivations of finite-dimensional semiprime algebras. *Canadian mathematical bulletin*, ISSN 0008-4395, 2014, vol. 57, str. 51-60.

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5. FOŠNER, Ajda. Prime and semiprime rings with symmetric skew n-derivations. *Colloquium mathematicum*, ISSN 0010-1354, 2014, vol. 134, no. 2, str. 245-253. <http://dx.doi.org/10.4064/cm134-2-8>. [COBISS.SI-ID [16973145](#)]

6. ZHENG, Baodong, XU, Jinli, FOŠNER, Ajda. Linear maps preserving rank of tensor products of matrices. *Linear and Multilinear Algebra*, ISSN 0308-1087, 2014, 11 str.

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<http://dx.doi.org/10.1080/03081087.2014.932356>, doi: [10.1080/03081087.2014.932356](https://doi.org/10.1080/03081087.2014.932356). [COBISS.SI-ID [17066073](#)]

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- 9.** FOŠNER, Ajda. Local generalized ([alpha], [beta])-derivations. *The scientific world journal*, ISSN 1537-744X, 2014, vol. 2014, iD 805780 (5 str.). <http://dx.doi.org/10.1155/2014/805780>. [COBISS.SI-ID [16910425](#)]
- 10.** FOŠNER, Ajda, FOŠNER, Maja. Approximate cubic Lie derivations. *Abstract and applied analysis*, ISSN 1085-3375, 2013, vol. 2013, art. ID 425784, 5 str., doi: [10.1155/2013/425784](https://doi.org/10.1155/2013/425784). [COBISS.SI-ID [512513341](#)]
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- 13.** FOŠNER, Ajda. 2-local mappings on algebras with involution. *Annals of functional analysis*, ISSN 2008-8752, 2014, vol. 5, no. 1, str. 63-69. http://www.emis.de/journals/AFA/AFA-tex_v5_n1_a8.pdf. [COBISS.SI-ID [16758873](#)]
- 14.** ALI, Shakir, FOŠNER, Ajda, KHAN, Mohammad Salahuddin. A note on commutativity of rings with additive mappings. *Arab journal of mathematical sciences*, ISSN 1319-5166, 2013, vol. 19, iss. 2, str. 199-204. <http://dx.doi.org/10.1016/j.ajmsc.2012.10.002>. [COBISS.SI-ID [16661081](#)]
- 15.** FOŠNER, Ajda, GER, Roman, GILÁNYI, Attila, MOSLEHIAN, Mohammad Sal. On linear functional equations and completeness of normed spaces. *Banach journal of mathematical analysis*, ISSN 1735-8787. [Online ed.], 2013, vol. 7, no. 1, str. 196-200. <http://www.emis.de/journals/BJMA/>. [COBISS.SI-ID [16515673](#)]
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- 17.** FOŠNER, Ajda. A note on generalized (m,n)-Jordan centralizers. *Demonstratio mathematica*, ISSN 0420-1213, 2013, vol. 46, no. 2, str. 257-262. http://demmath mini.pw.edu.pl/archive/dm46_2/3.pdf. [COBISS.SI-ID [16644697](#)]
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- 19.** BRZDĘK, Janusz, FOŠNER, Ajda. Remarks on the stability of Lie homomorphisms. *Journal of mathematical analysis and applications*, ISSN 0022-247X. [Print ed.], 2013, vol. 400, iss. 2, str. 585-596. <http://dx.doi.org/10.1016/j.jmaa.2012.11.008>. [COBISS.SI-ID [16549721](#)]
- 20.** FOŠNER, Ajda, HUANG, Zejun, LI, Chi-Kwong, SZE, Nung-Sing. Linear maps preserving numerical radius of tensor products of matrices. *Journal of mathematical analysis and applications*, ISSN 0022-247X. [Print ed.], 2013, vol. 407, iss. 2, str. 183-189. <http://dx.doi.org/10.1016/j.jmaa.2013.05.030>. [COBISS.SI-ID [16648025](#)]

- 21.** HARDY, Yorick, FOŠNER, Ajda, STEEB, Willi-Hans. Cayley transform and the Kronecker product of Hermitian matrices. *Linear Algebra and its Applications*, ISSN 0024-3795. [Print ed.], 2013, vol. 439, iss. 12, str. 4023-4031. <http://dx.doi.org/10.1016/j.laa.2013.09.043>. [COBISS.SI-ID [16794201](#)]
- 22.** FOŠNER, Ajda, HUANG, Zejun, LI, Chi-Kwong, SZE, Nung-Sing. Linear preservers and quantum information science. *Linear and Multilinear Algebra*, ISSN 0308-1087, 2013, vol. 61, iss. 10, str. 1377-1390. <http://dx.doi.org/10.1080/03081087.2012.740029>. [COBISS.SI-ID [16630617](#)]
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- 24.** ALI, Shakir, FOŠNER, Ajda, FOŠNER, Maja, KHAN, Mohammad Salahuddin. On generalized Jordan triple $([\alpha], [\beta])$ -derivations and related mappings. *Mediterranean journal of mathematics*, ISSN 1660-5446, 2013, vol. 10, iss. 4, str. 1657-1668. <http://dx.doi.org/10.1007/s00009-013-0277-x>. [COBISS.SI-ID [16660825](#)]
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- 27.** FOŠNER, Ajda. On the generalized Hyers-Ulam stability of module left (m, n) -derivations. *Aequationes mathematicae*, ISSN 0001-9054, 2012, vol. 84, no. 1-2, str. 91-98. <http://dx.doi.org/10.1007/s00010-012-0124-3>. [COBISS.SI-ID [16247385](#)]
- 28.** DE FILIPPIS, Vincenzo, FOŠNER, Ajda. A note on skew derivations in prime rings. *Bulletin of the Korean Mathematical Society*, ISSN 1015-8634, 2012, vol. 49, no. 4, str. 885-898. <http://pdf.medrang.co.kr/kms01/BKMS/49/BKMS-49-4-885-898.pdf>. [COBISS.SI-ID [16876377](#)]
- 29.** FOŠNER, Ajda. 2-local Jordan automorphisms on operator algebras. *Studia Mathematica*, ISSN 0039-3223, 2012, t. 209, fasc. 3, str. 235-246. <http://dx.doi.org/10.4064/sm209-3-3>. [COBISS.SI-ID [16339801](#)]
- 30.** FOŠNER, Ajda, FOŠNER, Maja, VUKMAN, Joso. Identities with derivations in rings. *Glasnik matematički. Serija 3*, ISSN 0017-095X, 2011, vol. 46, no. 2, str. 339-349. [COBISS.SI-ID [16050265](#)]
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- 32.** FOŠNER, Ajda, VUKMAN, Joso. On certain functional equations related to Jordan triple $([\theta], [\phi])$ -derivations on semiprime rings. *Monatshefte für Mathematik*, ISSN 0026-9255, 2011, vol. 162, no. 1, str. 157-165. <http://dx.doi.org/10.1007/s00605-009-0154-7>, doi: [10.1007/s00605-009-0154-7](https://doi.org/10.1007/s00605-009-0154-7). [COBISS.SI-ID [15265625](#)]
- 33.** FOŠNER, Ajda, ILIŠEVIĆ, Dijana. Generalized bicircular projections via rank preserving maps on the spaces of symmetric and antisymmetric operators. *Operators and matrices*, ISSN 1846-3886,

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1.04 Professional article

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- 56.** ARNUŠ, Denis, FOŠNER, Ajda. Analiza delovanja vzajemnih skladov v Sloveniji. *Interdisciplinarna raziskovalna priloga*, ISSN 1855-7554, sep. 2011, št. 9, str. 13-22, graf. prikazi. [COBISS.SI-ID [512955522](#)]
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1.05 Popular article

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1.06 Published scientific conference contribution (invited lecture)

- 72.** ALI, Shakir, DHARA, Basudeb, FOŠNER, Ajda. Some commutativity theorems concerning additive mappings and derivations on semiprime rings. V: KIM, Jin Yong (ur.). *Contemporary ring theory 2011 : proceedings of the sixth China-Japan-Korea international conference on ring theory*. Singapore; New Jersey, NJ: World Scientific, cop. 2012, str. 135-143. [COBISS.SI-ID [4412375](#)]

1.08 Published scientific conference contribution

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