

A N E X A 4 . 1

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L I S T A**lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Teza de doctorat**

Aplicatii ale teoriei grupurilor si teoriei valuarii. Functia zeta Igusa locala asociata formelor cubice binare nedegenerate definite peste $\mathbb{Q}_p$

Data sustinerii: 12.12.2005

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Institutia eliberatoare a diplomei: Institutul de matematica „Simion Stoilow” al Academiei Romane

B. Cărți si capitole în cărți

1. **Denis Ibadula**, Willem Veys (editors), ***Bridging Algebra, Geometry, and Topology***, (Conexiuni ale algebrei cu geometria si topologia), Springer-Verlag, Series Springer Proceedings in Mathematics & Statistics, Series volume 96, 2014, pp. XII, 289; ISBN 978-3-319-09186-0; <https://www.springer.com/gp/book/9783319091853>
2. **Denis Ibadula**, ***Probleme actuale in studiul functiei zeta Igusa***, Academia Romana, Institutul national de Cercetari Economice “Costin C.Kiritescu”, Bucuresti, 2013, 144 p, ISBN: 978-973-618-357-7; <https://www.bnro.ro/Catalogul-Bibliotecii-BNR-10393-Mobile.aspx?p=1&s=Ibadula,%20Denis>
3. Alexandru Dimca, **Denis Ibadula**, Anca Daniela Macinic, ***Numerical invariants and moduli spaces for line arrangements***, Mathematisches Forschungsinstitut Oberwolfach gGmbH Oberwolfach Preprints, OWP 2017 - 02, pp.1-25, ISSN 1864-7596, DOI: [10.14760/OWP-2017-02](https://www.mfo.de/scientific-programme/publications/owp/2017/OWP2017_02.pdf) https://www.mfo.de/scientific-programme/publications/owp/2017/OWP2017_02.pdf

C. Lucrări indexate ISI/BDI**C1: Lucrări indexate ISI**

1. Takuro Abe, **Denis Ibadula**, Anca Daniela Macinic, *On some freeness-type properties for line arrangements*, Annali della Scuola normale superiore di Pisa, Classe di scienze , 2024, XXV (1), pp.427-447, **SRI (2023): 3.211**;
2. Alexandru Dimca, **Denis Ibadula**, Anca Daniela Macinic, *Numerical invariants and moduli spaces for line arrangements*, Osaka Journal of Mathematics, Vol. 57 , No.4 (2020), pp. 847 - 870, ISSN 0030-6126, **SRI (2023): 1.061**;
3. Alexandru Dimca, **Denis Ibadula**, Anca Macinic, *Freeness for 13 lines arrangements is combinatorial*, Discrete Mathematics, 2019, Volume/Issue 342/8, pp. 2445 - 2453, ISSN 0012-365X, IF (2018): 0.810, **SRI (2023): 1.301**;
4. Wouter Castryck, **Denis Ibadula**, Ann Lemahieu, *The holomorphy conjecture for nondegenerate surface singularities*, Nagoya Mathematical Journal, 2017, 227 (3), pp. 160-188, ISSN: 0027-7630 (print), 2152-6842 (online), IF (2017): 0.776, **SRI (2023): 2.298**;
5. Alexandru Dimca, **Denis Ibadula**, Anca Daniela Macinic, *Pencil- Type line arrangements of low degree: Classification and monodromy*, Annali della Scuola normale superiore di Pisa, 2016, Classe di scienze, XV, pp.249-267, ISSN: 0391-173X (print), 2036-2145 (online), IF (2017): 0.792, **SRI (2023): 3.211**;
6. Edwin León-Cardenal, **Denis Ibadula**, Dirk Segers, *Poles of the Igusa local zeta function of some hybrid polynomials*, Finite Fields and Their Applications, 2014, Volume 25, pp. 37-48, ISSN: 1071-5797, IF (2014): 0.927, **SRI (2023): 2.021**;
7. **Denis Ibadula**, Dirk Segers, *Determination of the real poles of the Igusa zeta function for curves*, Revista Matemática Complutense, 2012, Volume 25, Issue 2, pp. 581–597, ISSN: 1139-1138 (Print) 1988-2807 (Online), IF (2012): 0.377, **SRI (2023): 1.864**;
8. **Denis Ibadula**, *The Arboreal Structure of the Metric Space $X := GL_2(\mathbb{Q}_p)/\mathbb{Q}_p * GL_2(\mathbb{Z}_p)$* , Communications in Algebra, Volume 34, Issue 12 (2006), pp. 4563-4571, **SRI (2023): 1.010**;
9. **Denis Ibadula**, *On the plane cubics over $\mathbb{Q}_p$ and the associated Igusa zeta function*, **Bull. Math. Soc. Sci. Math. Roumanie**, Tome 49 (97), 3 (2006), pp. 253-277, **SRI (2023): 0.488**;

C2. Lucrări BDI publicate

7. Denis Ibadula, Dirk Segers, *Convex proofs of some inequalities*, (Demonstratii convexe ale unor inegalitati), The Mathematical Gazette, Volume 96, Number 537/2012, pp. 523-526.;

ISSN 0025-5572, DOI: 10.1017/S0025557200005180

https://www.researchgate.net/publication/305234791_9655_Convex_proofs_of_some_inequalities

8. Denis Ibadula, *On the rationality of Igusa zeta functions of some classes of polynomials*, (Asupra rationalitatii functiei zeta Igusa pentru anumite clase de polinoame), Analele Universitatii din Bucuresti, Seria Matematica, Anul LVIII (2009), Number 2/2009, pp.199-210, ISSN 2067-9009;

http://fmi.unibuc.ro/ro/anale/matematica/mate_anul_LVIII_2009_nr_2_art_6.pdf

D. Lucrări publicate în reviste și volume de conferințe cu referenți (neindexate)**- Volume de conferinte**

1. Daniela Anca Macinic, **Denis Ibadula**, *Some Remarks on the Realizability Spaces of (3,4)-Nets*, (Cateva observatii asupra spatiului de realizabilitate pentru (3,4)-net-uri), Proceedings of the conference "Experimental and Theoretical Methods in Algebra, Geometry and Topology", Springer Proceedings in Mathematics & Statistics, 2014, Series volume 96, 2014, pp159-166, ISBN 978-3-319-09186-0;

https://link.springer.com/chapter/10.1007/978-3-319-09186-0_10

2. Denis Ibadula, *The Igusa Zeta Functions of the $GL_2(\mathbb{Q}_p)$ -orbit of Fermat's Binary Form*, (Functia zeta Igusa pe $GL_2(\mathbb{Q}_p)$ -orbita formei cubice binare), Combinatorial Aspects of Commutative Algebra, Contemporary Mathematics (CONM), AMS, 502 (2009), pp.59-72, ISBN-13: 978-0821847589, ISBN-10: 0821847589;

<http://www.ams.org/books/conm/502/>

Data:

12.05.2025

Semnătura: