

II. Teză de doctorat

1. **LASCU D.** (2010), *Procese Markov în teoria probabilistă a numerelor*, Institutul de Statistică Matematică și Matematică Aplicată “Gheorghe Mihoc – Caius Iacob”, **Academia Română**, București, conducător științific: Acad. Marius IOSIFESCU (teză de doctorat care a obținut din partea comisiei calificativul *Foarte bine* și distincția *cum laude*)

III. Cărți publicate

1. IOSIFESCU, M., SEBE, G.I., **LASCU, D.**, *Metrical Theory of Some Continued Fraction Expansions* (143 pg.), **Editura Academiei Române**, București, 2011, ISSN 978-973-27-2049-3
2. **LASCU D.**, *Procese Markov în teoria probabilistă a numerelor* (126 pg.), Editura ANMB, 2011, ISBN 978-973-1870-85-4
3. **LASCU D.**, *Matematici speciale pentru ingineri* (151 pg.), Editura ANMB, 2011, ISBN 978-973-1870-89-2
4. **Lascu D.** (și colectiv), *Matematică. Culegere de probleme tip grilă pentru admiterea în Academia Navală „Mircea cel Bătrân”*, Editura ANMB, 2019, ISBN 978-606-642-180-5

IV. Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal

A. Lucrări în jurnale din ISI Science Citation Index Expanded

1. **LASCU D.**, Sebe, G.I. (2019), *A dependence with complete connections approach to generalized Rényi continued fractions*, accepted in *Acta Mathematica Hungarica*, ISSN 0236-5294, **SRI=0.537**
2. **LASCU D.**, Sebe, G.I. (2019), *A Gauss-Kuzmin-Lévy theorem for Rényi-type continued fractions*, accepted in *Acta Arithmetica*, ISSN 0065-1036, **SRI=1.040**
3. Sebe, G.I., **LASCU D.**, *On convergence rate in the Gauss-Kuzmin problem for θ -expansions*, *Journal of Number Theory* 195, pp. 51-71 (2019) ISSN 0022-314X, <https://doi.org/10.1016/j.jnt.2018.05.018>, **SRI=1.040**
4. **LASCU D.**, NICOLAE F., *A Gauss-Kuzmin-type theorem for θ -expansions*, *Publicationes Mathematicae Debrecen* 91, pp. 1-15 (2017) ISSN 0033-3883, DOI: 10.5486/PMD.2017.7543, **SRI=0.587**
5. **LASCU D.**, *Metric properties of N -continued fractions*, *Mathematical Reports* 19(69) 2, pp. 165-181 (2017) ISSN 2285-3898, http://imar.ro/journals/Mathematical_Reports/Pdfs/2017/2/3.pdf, **SRI=0.247**
6. **LASCU D.**, *Dependence with complete connections and the Gauss-Kuzmin theorem for N -continued fractions*, *Journal of Mathematical Analysis and Applications* 444, pp. 610–623 (2016) ISSN 0022-247X, <https://doi.org/10.1016/j.jmaa.2016.06.046>, **SRI=1.168**
7. **LASCU D.**, CIRLIG G., *On the metrical theory of a non-regular continued fraction expansion*, *An. Șt. Univ. Ovidius Constanța*, Vol. 23(2), pp. 147–160 (2015) ISSN 1224-1784, <https://doi.org/10.1515/auom-2015-0032>, **SRI=0.272**
8. **LASCU D.**, *A Gauss-Kuzmin Theorem For Continued Fractions Associated With Non-Positive Integer Powers Of An Integer $m \geq 2$* , *The Scientific World Journal*, vol. 2014, Article ID 984650, 8 pages (2014) ISSN 1537-744X, <http://dx.doi.org/10.1155/2014/984650>, **SRI=0.644**
9. SEBE G. I., **LASCU D.**, *A Gauss-Kuzmin theorem and related questions for θ -expansions*, *Journal of Function Spaces*, vol. 2014, Article ID 980461, 12 pages (2014), <http://dx.doi.org/10.1155/2014/980461>, **SRI=0.385**

10. **LASCU D.**, *A Gauss-Kuzmin-type problem for a family of continued fraction expansions*, Journal of Number Theory 133, pp.2153-2181 (2013) ISSN 0022-314X, <https://doi.org/10.1016/j.jnt.2012.12.007>, **SRI=1.040**
11. KAWAMURA K., HAYASHI Y., **LASCU D.**, *Continued Fraction Expansions and Permutative Representations of the Cuntz Algebra O_∞* , Journal of Number Theory 129 (12), pp. 3069 – 3080 (2009), ISSN 0022-314X, <https://doi.org/10.1016/j.jnt.2009.06.003>, **SRI=1.040**
12. KAWAMURA K., **LASCU D.**, COLȚESCU I., *Jump transformations and embedding of O_∞ into O_2* , Journal of Mathematical Physics 50 (1), pp. 033501-1 – 033501-12 (2009) ISSN 0022-2488, <https://doi.org/10.1063/1.3081386>, **SRI=0.998**

B. Lucrări din jurnale BDI (Scopus, ESCI – Web of Science Collections, Zentralblatt, Mathematical Reviews)

1. SEBE G.I., **LASCU D.** (2016) *Recent advances in the metric theory of θ -expansions*, Annals of the University of Craiova, Mathematics and Computer Science Series **43**(1), pp. 88-93, ISSN 1223–6934
2. **LASCU D.**, CIRLIG G., COLȚESCU I. (2009) *Properties of the nearest integer continued fraction expansions*, Tensor, N.S., vol.71, No.1, pp. 25–30, ISSN 0040 – 3504
3. **LASCU D.**, COLȚESCU I. (2009) *Random systems with complete connections and the Gauss problem for the regular continued fractions*, Constanta Maritime University Annals, Year X (2009) Vol.12, pp. 405 – 412; revistă categoria **B CNCSIS**

V. Lucrări in extenso apărute în volumele unor manifestări științifice internaționale

1. **LASCU D.**, SEBE G. I., *New perspectives in the metric theory of continued fraction expansion related to Fibonacci type sequences*, 2nd International Conference SEA-CONF 2016, Constanța, Romania
2. **LASCU D.**, COLȚESCU, I., *Metrical theory of θ -expansions*, 1st International Conference SEA-CONF 2015, May 14th–16th, Constanța, Romania
3. **LASCU D.**, COLȚESCU, I., *Continued fractions associated with non-positive integer powers of an integer $m \geq 2$* , The International Conference Nav-Mar-Edu 2013, May 30th–June 1st, Constanta, Romania
4. **LASCU D.**, COLȚESCU, I., *Properties of a certain Perron – Frobenius operator*, The 2nd International Conference on Operational Research - ICOR 2010, September 09–11, Constanta, Romania
5. **LASCU D.**, COLȚESCU, I., *Metric Properties of Some Continued Fraction Expansions*, A 13-a Conferință a Societății de Probabilități și Statistică din România, UTCB, 16 aprilie 2010 http://csm.ro/spsr/program/program_conf13_spsr_2010.pdf
6. **LASCU D.**, COLȚESCU, I., *On the metrical theory of some continued fraction expansion*, The 9th Balkan Conference on Operational Research, BALCOR 2009, September 02–06, 2009, Constanta, Romania. Proceedings of the Conference ISBN 973-86979-9-9 <http://civile.utcb.ro/balcor/proceedings/pdf/Lascu%20Dan.pdf>
7. **LASCU D.**, COLȚESCU, I., *Metrical Theory of a Generalized Continued Fraction Expansion*, A 12-a Conferință a Societății de Probabilități și Statistică din România, Universitatea “Ovidius”, Constanța, 10–11 aprilie 2009 http://www.csm.ro/spsr/program/program_conf12_spsr_2009.pdf

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