

UNIVERSITATEA DE STAT DIN MOLDOVA
(Denumirea organizației)

APROB:
Rector
ȘAROV Igor, dr. conf. univ.

(semnătura)
„_____” _____ 2024

PROCES-VERBAL
nr.1 din 15 ianuarie 2024
de recepție finală/punere în funcțiune a rezultatelor obținute în cadrul proiectului de
cercetare și inovare cu cifrul 20.80009.5007.25

În baza ordinului nr. 234c din „12” septembrie 2023, comisia în componența
președintelui comisiei

<u>Prorector pentru activitate științifică</u> (funcția)	<u>Stepanov Georgeta</u> (numele, prenumele)
și membrilor comisiei	
<u>Sef Departament Cercetare și Inovare</u> (funcția)	<u>Prisacaru Veronica</u> (numele, prenumele)
<u>Conducător Proiect</u> (funcția)	<u>Perjan Andrei</u> (numele, prenumele)
<u>Contabil șef adjunct</u> (funcția)	<u>Toderaș Angela</u> (numele, prenumele)

**a întocmit prezentul proces-verbal de recepție finală/punere în funcțiune a următorului
obiect de active materiale și/sau nemateriale (grupe de obiecte):**

Nr. d/o	Denumirea obiectului de active materiale și/sau nemateriale (grupe de obiecte)	Numărul de inventar	Data de recepție finală /punere în funcțiune	Nr. unit.	Valoarea de intrare, mii lei	Durata de funcționare utilă, ani	Suma uzurii anuale, lei
1	2	3	4	5	6	7	
1. 2020	¹ Monografii	000704		1	180,0		
2. 2020	² Articole în reviste științifice	000705		6	180,0		
3. 2020	³ Articole în culegeri științifice	000706		1	25,0		
4. 2020	⁴ Teze în culegeri științifice	000707		11	57,4		
	TOTAL 2020			19	442,4		
5. 2021	⁵ Articole în reviste științifice	000708		5	225,0		
6. 2021	⁶ Teze în culegeri științifice	000709		14	211,4		
	TOTAL 2021			19	436,4		
7. 2022	⁷ Articole în reviste științifice	000710		12	300,0		

8. 2022	⁸ Articole în culegeri științifice	000711		1	35,0		
9. 2022	⁹ Teze în culegeri științifice	000712		9	107,4		
	TOTAL 2022			22	442,4		
10. 2023	¹⁰ Articole în reviste științifice	000713		5	200,0		
11. 2023	¹¹ Comunicări ale manifestărilor științifice	000714		4	120,0		
12. 2023	¹² Teze în culegeri științifice	000715		11	171,9		
13. 2023	¹³ Capitole în monografii	000715/1		1	38,0		
	TOTAL 2023			21	529,9		

Codul de clasificare a obiectului de active conform Catalogului mijloacelor fixe și activelor nemateriale	Data fabricării (elaborării)	Numărul pașaportului tehnic, altui document (se va specifica)
8	9	10

2020

¹Monografii (naționale / internaționale)

- CHEBAN, D. *Nonautonomous Dynamics: Nonlinear Oscillations and Global Attractors*. Springer Nature Switzerland AG, 2020, 434 p. ISBN-10: 3030342913

²articole din reviste științifice

– cu factor de impact **1,0-2,9**

- CHEBAN, D., ZHENXIN, L., Periodic, quasi-periodic, almost periodic, almost automorphic, Birkhoff recurrent and Poisson stable solutions for stochastic differential equations. *Journal of Differential Equations*. Vol. 269, No. 4, 2020, p. 3652-3685. ISSN: 0022-0396 (IF:2.192, 2019).
- CHEBAN, D. The Structure of Global Attractors for Non-Autonomous Perturbations of Gradient-Like Dynamical Systems. *Journal of Dynamics and Differential Equations*. Vol. 32, No. 3, 2020, p. 1113-1138. ISSN: 0022-0396 (IF:1.577, 2019).

– editate în străinătate

- GLAVAN, V., GUȚU, V. How to construct the Pythagoras Tree using CAS Mathematica. PROKOPENYA, A., GIL-SWIEDERSKA, A., SILUSZYK, M. eds. *Computer Algebra Systems in Teaching and Research*. Vol. IX, Siedlce: Siedlce University of Natural Sciences and Humanities, 2020, p. 29-41. ISBN 978-83-66541-17-7
- PERJAN, A., RUSU, G. Abstract second order differential equations with two small parameters and Lipschitzian nonlinearities. *Bukovinian Math. Journal*. Vol. 8, no. 1, 2020, p. 1-11. ISSN: 2309-4001.

– reviste naționale:

- categoria A

- SYRBU, P., GRECU, I., Loops with invariant flexibility under the isostrophy. *Bul. Acad. Stiinte Repub. Moldova, Mat.* Nr. 1(92), 2020, p. 122-128.

- categoria B

- ВОРНИЧЕСКУ, Г., НЯГУ, В. Критерии неустойчивости некоторых возмущённых интегральных операторов. *Studia Universitatis Moldaviae* (acceptat)

³articole în culegeri (naționale / internaționale)

- NEAGU, V. Ecuații integrale singulare cu translații pe axa reală. In: *Materialele conferinței științifice naționale cu participare internațională "Învățământ superior: Tradiții, valori, perspective"*, Chișinău, 29-30 Septembrie. 2020, p. 46-50. ISBN 978-9975-76-312-7. 082:378=135.1=111=161.1 Î-59.

⁴Teze ale conferințelor științifice

- CHEBAN, D. Monotone Nonautonomous Differential Equations with the First Integral. *International Conference „Modern problems of Differential Equations and their application”*. Chernivtsi, 16-19 September, 2020, p. 17-18.

- 2) CHEBAN, D. Perron-Frobenius Dynamics for Markov Chains. *International Symposium „Actual Problems of Mathematics and Informatics” dedicated to the 90th Birthday of Professor Ion Valuță, TUM, Chisinau, Republic of Moldova, November 27-28, 2020.*
- 3) GLAVAN, V., GUȚU, V. Recurrent subdynamics on viable sets under discrete inclusions. In: *International Conference „Modern problems of Differential Equations and their application”. Chernivtsi, 16-19 September, 2020, p. 36-37.*
- 4) GLAVAN, V., GUȚU, V. An algorithm for constructing Pythagoras Trees and other fractals. In: *International Conference on Applied Mathematics and Numerical Methods. Third Edition. Abstracts. Craiova, October 29-31, 2020, p. 38.*
- 5) GUȚU, V. Geometrical aspects in teaching the course ”Differential Equations”. *International Symposium „Actual Problems of Mathematics and Informatics” dedicated to the 90th Birthday of Professor Ion Valuță, TUM, Chisinau, Republic of Moldova, November 27-28, 2020.*
- 6) NEAGU, V.; VORNICESCU, G. Factorization of piecewise continuous functions in the space $L_p(\Gamma, \rho)$. In: *International Conference „Modern problems of Differential Equations and their application”. Chernivtsi, 16-19 September, 2020, pp. 53-54.*
- 7) NEAGU, V. Ecuații integrale singulare cu translații pe axa reală. In: *Materialele conferinței științifice naționale cu participare internațională ”Învățământ superior: tradiții, valori, perspective”, 29-30 septembrie 2020.*
- 8) NEAGU, V. On the bounded of the operator with a Cauchy kernel on the real axis. *International Symposium „Actual Problems of Mathematics and Informatics” dedicated to the 90th Birthday of Professor Ion Valuță, TUM, Chisinau, Republic of Moldova, November 27-28, 2020.*
- 9) PERJAN, A., RUSU, G. Abstract second order differential equations with two small parameters and lipschitzian nonlinearities. In: *International Conference „Modern problems of Differential Equations and their application”. Chernivtsi, 16-19 September, 2020, p. 57-58.*
- 10) PERJAN, A., RUSU, G. Two parameter singular perturbation problems for abstract second order differential equations with lipschitzian nonlinearities. In: *International Conference on Applied Mathematics and Numerical Methods. Third Edition. Abstracts. Craiova, October 29-31, 2020, p. 39-40.*
- 11) PERJAN, A., RUSU, G. Two parameter singular perturbation problems for sine-Gordon type equations, *International Symposium „Actual Problems of Mathematics and Informatics” dedicated to the 90th Birthday of Professor Ion Valuță, TUM, Chisinau, Republic of Moldova, November 27-28, 2020.*

2021

5 Articole în reviste științifice

- 1) CHEBAN, David, LIU, Zhenxin. Weak Averaging Principle on Infinite Interval for Stochastic Ordinary Differential Equations. In: *Electronic Research Archive (ERA)*, Vol.29, No.4, 2021, pp.2791-2817. (IF: 1,833) doi: 10.3934/era.2021014.
- 2) CHEBAN, David. On the structure of the Levinson center for monotone non-autonomous dynamical systems with a first integral. In: *CARPATHIAN J. MATH*, Vol.38, No.1, 2022, pp.35-62. ISSN 1584-2851. (IF 1.778).
- 3) CHEBAN, David. Bohr/Levitan Almost Periodic and Almost Automorphic Solutions of Monotone Difference Equations with a Strict Monotone First Integral. In: *Journal of Difference Equations and Applications*, 2021, 35 pages (*Difference Equations and Applications*, IF 1.433).

– Articole în alte reviste din străinătate recunoscute

- 4) NEAGU, Vasile. Регуляризація деяких збурених інтегральних операторів у просторах L_p . In: *Журнал обчислювальної та прикладної Математики*, №1(35), 2021, с.165-172. (Київський національний університет імені Тараса Шевченка)

– în reviste din Registrul National al revistelor de profil, cu indicarea categoriei

- 5) BUZATU, Radu, Maximum nontrivial convex cover number of join and corona of graphs. In: *Bulletin of Academy of Sciences of Republic of Moldova, Mathematics*, n.1(95), 2021, pp.91-96. (cat. A).

6 Teze ale conferințelor științifice

- 1) CHEBAN, David. Almost periodic solutions and compact global attractors of equations modelling growth processes and gonorrhoea epidemics. In: *Book of Abstracts. 13th International ISAAC Congress*, August 2–August 6 2021, Ghent University, Ghent, Belgium, 2021, pp.19-20.
- 2) CHEBAN, David. On the structure of the Levinson center for monotone dissipative non-autonomous dynamical systems. In: *Proceedings of the International Scientific Conference "Dynamical Systems: Stability, Control, Optimization" (DSSCO'21) in memory of Professor R.F. Gabasov*. October 5-10, 2021, Minsk. Belarussian State University, 2021, pp.11-13.
- 3) PERJAN, Andrei, RUSU, Galina. Convergence estimates for some two parameters singularly perturbed problems for sine-Gordon type equations. In: *Third Romanian Itinerant Seminar on Mathematical Analysis and its Applications*, Alba Iulia, Romania, **September, 10-12, 2021**, p.9.

- 4) PERJAN, Andrei, RUSU, Galina. Convergence estimates for abstract second order differential equations with two small parameters and lipschitzian nonlinearities. In: *8th European Congress of Mathematics*, Portoroz, June, 22, 2021 (<https://8ecm.si/registrants/347cf769045cde494ef81ff14c18a1c7>).
- 5) PERJAN, Andrei, RUSU, Galina. Convergence estimates for some two small parameters problems for sine-Gordon type equations. In: *8th International Congress on Fundamental and Applied Sciences*, Antalia, October, 18-20, 2021 (în tipar).
- 6) SÎRBU, Parascovia. On middle Bol loops and the total multiplication groups. In: *8th European Congress of Mathematics*, Slovenia, Portoroz, June, 22, 2021 (<https://8ecm.si/registrants/347cf769045cde494ef81ff14c18a1c7>).
- 7) SÎRBU, Parascovia. On some transformation groups of loops. In: *The 28th Conference on Applied and Industrial Mathematics*. September 17–18, 2021. Book of Abstracts, pp.54-55.
- 8) BUZATU, Radu. *Two real-life applications of graph partitionin*. In: *Mathematics and Information Technologies: Research and Education (MITRE-2021)*, Abstracts, 2021, Chişinău, pp. 19-20. ISBN 978-9975-158-19-0.
- 9) CHEBAN, David. On the structure of Levinson center of monotone almost periodic systems. In: *Mathematics and Information Technologies: Research and Education (MITRE-2021)*, Abstracts. Chişinău, 2021, pp.22-23. ISBN 978-9975-158-19-0.
- 10) UZNETSOVA, Elena, SYRBU, Parascovia. On recursively differentiable quasigroups. In: *Mathematics and Information Technologies: Research and Education (MITRE-2021)*, Abstracts. Chişinău, 2021, pp.47-48, ISBN 978-9975-158-19-0.
- 11) GLAVAN, Vasile, GUȚU, Valeriu. Lyapunov functions and chain recurrent relations in discrete inclusions. In: *Mathematics and Information Technologies: Research and Education (MITRE-2021)*, Abstracts. Chişinău, 2021, pp.35-36. ISBN 978-9975-158-19-0.
- 12) GUȚU, Valeriu. An algorithm to construct some kinds of planar fractals. In: *Mathematics and Information Technologies: Research and Education (MITRE-2021)*, Abstracts. Chişinău, 2021, pp.40-41. ISBN 978-9975-158-19-0.
- 13) NEAGU, Vasile, VORNICESCU Galina. On the equivalence of some algebras of integral operators with shift. In: *Mathematics and Information Technologies: Research and Education (MITRE-2021)*, Abstracts. Chişinău, 2021, pp.64. ISBN 978-9975-158-19-0.
- 14) PERJAN, Andrei, RUSU, Galina. Two parameters singular perturbation problems for sine-Gordon type equations. In: *Mathematics and Information Tehnologies: Research and Education (MITRE-2021)*, Abstracts, Chişinău, Moldova Chişinău, 2021, p.68. ISBN 978-9975-158-19-0.

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7 Articole în reviste științifice

– în reviste din bazele de date Web of Science și SCOPUS (cu indicarea factorului de impact IF)

- 1) CHEBAN, David. On the structure of te Levinson center for monotone non-autonomous dynamical systems with a first integral. In: *CARPATHIAN J. MATH*, Vol.38, No.1, 2022, pp.67-74. ISSN 1584-2851. (<https://www.carpathian.cunbm.utcluj.ro>) (IF 1.778).
- 2) CHEBAN, David. Bohr/Levitan Almost Periodic and Almost Automorphic Solutions of Monotone Difference Equations with a Strict Monotone First Integral. *Journal of Difference Equations and Applications*, Vol.28, No.4, 2022, pp.510-546. (<https://www.tandfonline.com/doi/full/10.1080/10236198.2022.2047959>) (IF=1.476).
- 3) PERJAN, Andrei, RUSU, Galina. Two parameter singular perturbation problems for sine-Gordon type equations. In: *CARPATHIAN J. MATH*, Vol.38, No.1, 2022, pp. 149-163, ISSN 1584-2851, (<https://www.carpathian.cunbm.utcluj.ro>). (IF 1.778).
- 4) PERJAN, Andrei, RUSU, Galina. Convergence Estimates for Abstract Second Order Differential Equations with Two Small Parameters and Lipschitzian Nonlinearities. In: *CARPATHIAN J. MATH*, Vol.38, No.1, 2022, pp. 127-148, ISSN 1584-2851, (<https://www.carpathian.cunbm.utcluj.ro>). (IF 1.778) .
- 5) DRAPAL, Aleš, SYRBU, Parascovia. Middle Bruck Loops and the Total Multiplication Group. *Results in Mathematics. Springer (Birkhäuser), Basel*, no. 77, vol. 174 (2022). (<https://doi.org/10.1007/s00025-022-01716-2>) (IF: 2.214)

– în alte reviste din străinătate recunoscute

- 6) NEAGU, Vasile. On some solution methods of complet singular integral equations, *Bukovinian Math. Journal*. Vol. 10, no. 2, 2022, 12 p.

– în reviste din Registrul National al revistelor de profil, cu indicarea categoriei

- 7) CHEBAN, David. Different Types of Compact Global Attractors for Cocycles with a Noncompact Phase Space of Driving System and the Relationship Between Them. *Buletinul Academiei de Stiinte a Republicii Moldova. Matematica*, No.1 (98), 2022, pp.35-55, (<https://www.math.md/en/publications/basm/issues/y2022-n1>), (cat. A).

- 8) NEAGU, Vasile. Singular integral operators. The case of a piecewise Lyapunov contour. In: *Acta et commentationes, Științe Exacte și ale Naturii*, Nr.2 (12), 2021, (UST, Chișinău, cat. B) (<https://doi.org/10.36120/2587-3644.v12i2>).
- 9) NEAGU, Vasile. Perturbation of singular integral operators with piecewise continuous coefficients *Acta et commentationes, Științe Exacte și ale Naturii*, Nr.2 (14), 2022, 10 pp. (accepted, cat. B).
- 10) PERJAN, Andrei, RUSU, Galina. Limits of solutions to the semilinear plate equation with small parameter. *Buletinul Academiei de Științe a Republicii Moldova. Matematica*, 2022, No. 2(99), pp. 76-102 (cat. A)
- 11) SYRBU, Parascovia, CUZNEȚOV, Elena. On recursively differentiable k - quasigroups. *Buletinul Academiei de Științe a Republicii Moldova. Matematica*, 2022, No. 2(99), pp. 68-75 (cat. A)
– **în alte reviste naționale**
- 12) CHEBAN, David. Non-Autonomous Dynamical Systems and Applications. *ACADEMOS*, No. 4 (63), 2021, pp.25-31. (DOI: <https://doi.org/10.52673/18570461.21.4-63.02>) (apărut în 2022)

8 Articole în culegeri științifice naționale/internaționale

- 1) CHEBAN, David. Bohr-Levitan Almost Periodic and Almost Automorphic Solutions of Equation $x'(t) = f(t-1, x(t-1)) - f(t, x(t))$. Proceedings of the 13th International ISAAC Congress, August 2-6 2021, Ghent University @ Zoom, Ghent, Belgium. Springer, 2022, 15 pages.

9 Teze ale conferințelor științifice

– în lucrările conferințelor științifice internaționale (peste hotare)

- 1) BUZATU, Radu. *Моделирование пространственного разделения государства на административно-территориальные единицы*, Материалы четырнадцатого международного семинара “Дискретная математика и её приложения” имени академика О.Б. Лупанова, Iunie 20-25, 2022, Moscova, Rusia, 3 p.
- 2) CHEBAN, David. One-dimensional Monotone Non-autonomous Dynamical Systems and Strange Nonchaotic Attractors.: *International Scientific Conference "Algebraic and Geometric Methods of Analysis"*, May 24-27, 2022, Odesa, Ukraine, The Book of Abstracts pp.5-6, (<https://ontu.edu.ua/download/konfi/2022/Abstracts-AGMA-2022-2.pdf>),
- 3) NEAGU, Vasile. Extension of linear operators with applications, *Матеріали міжнародної наукової конференції, присвяченої 60-річчю кафедри прикладної математики та інформаційних технологій*. pp.74-75. 22-24 вересня, 2022 року, Чернівці-2022.
- 4) RUSU, Galina, PERJAN, Andrei. *Limits of solutions to the semilinear plate equation with small parameter, International Conference on Applied Mathematics and numerical Methods (ICAMNM)* - fourth edition, June 29-July 2, 2022, Craiova, Romania, p.33, (<http://cis01.central.ucv.ro/ICAMNM/>).

– în lucrările conferințelor științifice internaționale (Republica Moldova)

- 5) BUZATU, Radu. Convex covering problem of graphs resulting from some graph operations. *The 29th Conference on Applied and Industrial Mathematics dedicated to the Memory of Academician Mitrofan M. Chioban*, August 25 – 27, 2022, UST, Chișinău, The Book of Abstracts, p. 106.
- 6) CHEBAN, David. Averaging principle on semi-axis for semi-linear differential equations. *The 29th Conference on Applied and Industrial Mathematics dedicated to the Memory of Academician Mitrofan M. Chiobanu*, August 25-27, UST. Chișinău 2022. The Book of Abstracts, pp 52-55.
- 7) NEAGU, Vasile. On the solvability of singular integral equations. *The 29th Conference on Applied and Industrial Mathematics dedicated to the Memory of Academician Mitrofan M. Chiobanu*, August 25-27, UST. Chișinău 2022. The Book of Abstracts, pp. 39-40
- 8) SYRBU Parascovia, CUZNEȚOV Elena. On recursively differentiable quasigroups. *The 29th Conference on Applied and Industrial Mathematics dedicated to the Memory of Academician Mitrofan M. Chiobanu*, August 25-27, UST. Chișinău, 2022. pp., The Book of Abstracts, p. 161-163.
- 9) PERJAN, Andrei, RUSU, Galina. Convergence estimates for solutions to the semilinear plate equation with small parameter. *The 29th Conference on Applied and Industrial Mathematics dedicated to the Memory of Academician Mitrofan M. Chiobanu*, August 25-27, UST. Chișinău 2022. The Book of Abstracts, pp. 41-42.

2023

10 Articole din reviste științifice

- 1) CHEBAN, D. Poisson Stable Motions of Strongly Monotone and Sub-Linear Non-Autonomous Dynamical Systems. *Discrete and Continuous Dynamical Systems, series A*, Vol. 43, No. 2, 2023, pp.895-947, doi:10.3934/dcds.2022174 (IF:1,588).
- 2) CHEBAN, D. One-dimensional Monotone Non-autonomous Dynamical Systems. *Science China Mathematics*, 2023. <https://doi.org/10.1007/s11425-021-2084-x> (IF:1,331).
- 3) CHEBAN, D. Global Asymptotic Stability of Generalized Homogeneous Dynamical Systems. *Buletinul Academiei de Științe a Republicii Moldova. Matematica*, 2023, No.2 (102), pp.52-82. <https://dx.doi.org/>

10.56415/basm.y2023.i2.p52 (cat. A).

- 4) NEAGU, V., BÎCLEA, D. Perturbation of singular integral operators with piecewise continuous coefficients. *Acta et Commentationes. Exact and Natural Sciences*. 2023, vol. 16, no. 2, pp. 32–47. ISSN: 2537-6284 (cat. B).
- 5) SYRBU P.; CUZNEȚOV, E. On recursive 1-differentiability of quasigroup prolongations. *Bul. Acad. Științe Repub. Mold., Mat.* 2023, No. 2(101). pp.102-109. <https://dx.doi.org/10.56415/basm.y2023.i2.p52>(cat. A)

¹¹Comunicări ale manifestărilor științifice

- 1) NEAGU, Vasile, Asupra perturbării operatorilor integrali singulari cu coeficienți continui. Conferința științifică “Știință și educație: noi abordări și perspective”, 24-25 martie 2023, Univ. de Stat Ion Creangă.
- 2) CHEBAN, David, Global Asymptotic Stability of Generalized Homogeneous Nonautonomous Dynamical Systems. International Scientific Conference "Algebraic and Geometric Methods of Analysis", May 29--June 01, 2023, Odesa, Ukraine, pp.22-24.
- 3) PERJAN, Andrei, Convergence estimates for some semilinear second order differential equations with two small parameter in Hilbert spaces. The Tenth Congress of Romanian Mathematicians. <http://www.imar.ro/-congmathro10/>, June 30-July 5, 2023, Pitești, România.
- 4) SÎRBU, Parascovia, Total multiplication groups of middle Brouwer loops. The Tenth Congress of Romanian Mathematicians. <http://www.imar.ro/-congmathro10/>, June 30-July 5, 2023, Pitești, România.

¹²Teze ale conferințelor științifice

- 1) BUZATU, R. A production planning model of reconfigurable manufacturing lines. Proceedings of the 30th Conference on Applied and Industrial Mathematics (CAIM 2023), September 14 – 17, 2023, Iași, Romania, p.55. https://www.caim.romai.ro/Caim23/caim_23.htm
- 2) PERJAN, A. Convergence estimates for some semilinear second order differential equations with two small parameter in Hilbert spaces. *The Tenth Congress of Romanian Mathematicians.*, June 30-July 5, 2023, Pitești, România. <http://www.imar.ro/-congmathro10/>.
- 3) SÎRBU, P. Total multiplication groups of middle Brouwer loops. In: *The Tenth Congress of Romanian Mathematicians*, June 30-July 5, 2023, Pitești, România. <http://www.imar.ro/-congmathro10/>.
- 4) SYRBU, P.; CUZNEȚOV, E. On recursive differentiability of Bruck-Belousov prolongations of quasigroups. *The 30th Conference on Applied and Industrial Mathematics (CAIM-2023)*, September, 14-17, 2023, Abstracts, p. 71. https://www.caim.romai.ro/Caim23/caim_23.htm.
- 5) BUZATU, R. Exact approaches for solving the convex covering problem of graphs. In: *The 9th International Conference „Mathematics & IT: Research and Education (MITRE-2023)*, June 26 – 29, 2023, Chișinău, Abstracts, p. 57. ISBN 978 9975-62-535-7.
- 6) CHEBAN D. Poisson Stable Motions and Global Attractors of Symmetric Monotone Nonautonomous Dynamical Systems. In: *The International Conference "Mathematics & Information Technologies: Research and Education (MITRE-2023)"*, Chisinau, June 26--29, 2023, pp.36-37. ISBN 978 9975-62-535-7.
- 7) CUZNEȚOV, E.; SÎRBU, P. On recursive differentiability of some quasigroups prolongations. In: *The 9th International Conference „Mathematics & IT: Research and Education” (MITRE-2023)*, June 26 – 29, 2023, Chișinău, Abstracts, p. 22. ISBN 978 9975-62-535-7.
- 8) GLAVAN, V. Shadowing in a projective IFS with condensations. In: *The 9th International Conference „Mathematics & IT: Research and Education” (MITRE-2023)*, June 26 – 29, 2023, USM, Chișinău, Abstracts, p. 41-42. ISBN 978 9975-62-535-7.
- 9) GUȚU, Valeriu, On fractals generated by a type of IFSs with condensations. In: *The 9th International Conference „Mathematics & IT: Research and Education” (MITRE-2023)*, June 26 – 29, 2023, Chișinău, Abstracts, p. 42. ISBN 978 9975-62-535-7.
- 10) PERJAN, A.; RUSU, G. Hyperbolic singular perturbations for abstract for semilinear parabolic systems. In: *The 9th International Conference „Mathematics & IT: Research and Education” (MITRE-2023)*, June 26 – 29, 2023, Chișinău, Abstracts, p. 46. ISBN 978 9975-62-535-7.
- 11) SÎRBU, P. On multiplication groups of Brouwer loops. In: *The 9th International Conference „Mathematics & IT: Research and Education” (MITRE-2023)*, June 26 – 29, 2023, Chișinău, Abstracts, p. 33. ISBN 978 9975-62-535-7.

¹³Capitole în monografii

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Obiectul de mijloace fixe (grupa de obiecte) menționat(e) anterior a fost elaborat în cadrul proiectului cu cifrul 20.80009.5007.25, implementat de **Universitatea de Stat din Moldova** în baza contractului de finanțare nr. 162PS din „03” ianuarie 2023.