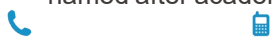


PERSONAL INFORMATION



📍 Republic of Kazakhstan, Karaganda, ul. Universitetskaya, 28, Karaganda University named after academician E. A. Buketov



✉ OrumbayevaN@mail.ru

🔗 <http://www.researcherid.com/rid/AAC-6441-2020>

🔗 <https://www.scopus.com/authid/detail.url?authorId=57192194581>

🔗 Список публикаций на Google Scholar

🔗 Список публикаций на ZentralBlatt

🔗 https://elibrary.ru/author_items.asp?spin=1089-7093

🔗 <http://orcid.org/0000-0003-1714-6850>

🔗 <http://www.mathnet.ru/rus/person81028>



| **Date of birth:** 25/12/1977

PLACE OF WORK, POSITION

Karaganda State University named after Academician E. A. Buketov, Associate Professor of the Department of Mathematical Analysis and Differential Equations

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Candidate of Physical and Mathematical Sciences, Associate Professor17

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WORK EXPERIENCE

Place and date

- 2005-2007 Teacher of the Department of Mathematical Analysis and Differential Equations;
- 2007-2010 Senior Lecturer of the Department of Mathematical Analysis and Differential Equations;
- from 2010 to the present, Associate Professor of the Department of Mathematical Analysis and Differential Equations;
- from 2018 to the present, scientific editor of the journal " Bulletin of the Karaganda University. Mathematics Series " included in the Web of Science Core Collection, eLibrary.ru;
- scientific supervisor of PhD doctoral students majoring in 6D060100-Mathematics.

EDUCATION AND PROFESSIONAL TRAINING

Education

- 1997-2001. Zhezkazgan University named after O. A. Baikonurov, specialty " 0101-Mathematics»;
- 2001-2003 Master's degree program of O. A. Baikonurov Zhezkazgan University, specialty " 0101-Mathematics»;
- 2003-2005 postgraduate study at the Institute of Mathematics of the Ministry of Education and Science of the Republic of Kazakhstan, Almaty.
- in 2007, she defended her thesis for the degree of Candidate of Physical and Mathematical Sciences in the specialty 01.01.02-Differential equations and mathematical physics in the Dissertation Council at the Institute of Mathematics of the Ministry of Education and Science of the Republic of Kazakhstan, Almaty;
- 2016-2018. Karaganda State University named after Academician E. A. Buketov, specialty " 5B011900-Foreign language: two foreign languages (English)»;
- 2021 By the Order of the Chairman of the Committee for Quality Assurance in the Field of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan No. 156 dated February 24, 2021 "On Awarding the academic Title", he was awarded the academic title of associate professor in the specialty 01.01.00-Mathematics.

**Professional trainings,
Scientific trips**

- The Second International Conference on "Application of Mathematics and Informatics in Natural Sciences and Engineering" Dedicated to the Centenary of Andro Bitsadze. Tbilisi, 21-23 September, 2016;
- internship at the University of Charles included in the TOP-500 according to the results of QS World University Rankings, Prague, Czech Republic, 1.06.2019-14.07.2019;
- internship at the Institute of Mathematics and Mathematical Modeling, Almaty, 11.08.2019-25.08.2019.;
- International Conference dedicated to the 80th anniversary of Academician V. A. Sadovnichy "Modern problems of Mathematics and Mechanics". Moscow, Russia, April 2019.

**SKILLS DEVELOPMENT
INFORMATION**

- advanced training, JSC "NCPC "ORLEU", Almaty, 2015;
- advanced training, Instituto Superior de Engenharia do Porto, Porto, Portugal, 2015;
- advanced training, Mirzo Ulugbek National University of Uzbekistan, Tashkent, Uzbekistan, 2017;
- advanced training on the topic: "Preparation of a university teacher for training with the use of distance educational technologies", Karaganda State University named after Academician E. A. Buketov, 21.10.2019 - 26.10.2019.

PERSONNEL QUALITIES

Native language **Kazakh**

LANGUAGE	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Oral speech		
Russian	basic	basic	basic	basic	basic
English	A1	A1	A1	A1	A1

Digital skills MICROSOFT OFFICE (WORD, EXCEL, POWER POINT, LATEX).

Other skills (hobbies) Reading, chess

**ADDITIONAL
INFORMATION**

Main publications

1. Орумбаева Н.Т. Об одном приближенном методе решения полупериодической краевой задачи для системы гиперболических уравнений // Математический журнал. – Алматы, 2004. – Т.4. – №4(14). – С.64–74.
2. Орумбаева Н.Т. Об одном алгоритме нахождения решения полупериодической краевой задачи // Известия НАН РК. Серия физико-математическая. – Алматы, 2005. – №1. – С. 88-94.
3. Орумбаева Н.Т. О разрешимости полупериодической краевой задачи для системы квазилинейных гиперболических уравнений // Математический журнал. – Алматы, 2005. – Т.5. – №4(18). – С.75-86.
4. Орумбаева Н.Т. Корректная разрешимость полупериодической краевой задачи для системы гиперболических уравнений // Вестник КазГУ. Серия Математика, механика, информатика. – Алматы, 2005. – № 2(45). – С.27–35.
5. Орумбаева Н.Т. Корректная разрешимость полупериодической краевой задачи для системы гиперболических уравнений // Дифференциальные уравнения. 2006. – Т.42. – №11. – С.1576.
6. Орумбаева Н.Т. О разрешимости полупериодической краевой задачи для системы нелинейных гиперболических уравнений // Математический журнал. – Алматы, 2007. – Т.7. – №2(24). – С.83-87.
7. Орумбаева Н.Т. Об одном алгоритме нахождения изолированного решения полупериодической краевой задачи для системы нелинейных гиперболических уравнений // Вестник Карагандинского университета. Серия Математика. – Караганда, 2008. – № 2(50). – С.47–54.
8. Орумбаева Н.Т. Об одном приближенном методе решения периодической краевой задачи для системы гиперболических уравнений // Вестник Карагандинского университета. Серия Математика. – Караганда, 2010. – № 1(57). – С.37–41.
9. Орумбаева Н.Т., Сабитбекова Г. Об однозначной разрешимости периодической краевой задачи для системы гиперболических уравнений // Вестник Карагандинского университета. Серия Математика. 2011. – № 4(64). – С.67–75.
10. Орумбаева Н.Т., Сабитбекова Г. О разрешимости периодической краевой задачи для системы квазилинейных гиперболических уравнений со смешанной производной // Вестник Карагандинского университета. Серия Математика. 2012. – № 1(65). – С.65–75.
11. Орумбаева Н.Т. Об одном алгоритме нахождения решения периодической краевой задачи для системы гиперболических уравнений // Сибирские электронные математические известия. – Т.10. – Новосибирск, 2013. DOI 10.17377/semi.2013.10.036 // <http://semr.math.nsc.ru/v10ru.html>.
12. Орумбаева Н.Т., Сабитбекова Г., Касыметова М.Т. О разрешимости семейства периодических краевых задач для обыкновенных дифференциальных уравнений // Вестник Карагандинского университета. Серия Математика. 2013. – № 4(72). – С.89–96.
13. Орумбаева Н.Т. Гиперболалық теңдеулер жүйесінің периодты шешімдері // Вестник Карагандинского университета. Серия Математика. 2014. – № 2(74). – С.150–154.
14. Орумбаева Н.Т., Шаяхметова Б.К., Шаукенова Б.К., Исакова Г.Ш. Күрделі жүйелер үшін бағдарламалық нәтижелерді құру // Bulletin of the Karaganda University-Mathematics. 2015. – No 4(80). – P.115–118.
15. Орумбаева Н.Т. Об алгоритмах нахождения решения начально-краевой задачи для дифференциальных уравнений в частных производных // Вестник Карагандинского университета. – Серия Математика. – 2016. – № 2(82). – С. 107-112.
16. Orumbayeva N.T. On Solvability of Non-Linear Semi-Periodic Boundary-Value Problem for System of Hyperbolic Equations // Russian Mathematics. – 2016. – Vol. 60. – Issue 9. – P. 23-37. DOI: 10.3103/S1066369X16090036.

17. Orumbayeva N.T., Shayakhmetova B. On a method of finding a solution of semi-periodic boundary value problem for hyperbolic equations // AIP Conference Proceedings. – 2016. – Vol. 1759. – Issue 1. – P. 020121-1-020121-4. DOI: 10.1063/1.4959735.
18. Orumbayeva N.T., Sabitbekova G. On a Solution of a Nonlinear Semi-periodic Boundary Value Problem for a Differential Equation with Arbitrary Functions // Springer Proceedings in Mathematics and Statistics. – 2017. – Vol. 216. – P. 158-163. DOI: 10.1007/978-3-319-67053-9_14.
19. Orumbayeva N.T., Sabitbekova G. A boundary value problem for nonlinear differential equation with arbitrary functions // Bulletin of the Karaganda University. – Mathematics series. – 2017. – № 1(85). – P. 71-76. DOI: 10.31489/2017M1/71-76.
20. Assanova A.T., Iskakova N.B., Orumbayeva N.T. Well-posedness of a periodic boundary value problem for the system of hyperbolic equations with delayed argument // Bulletin of the Karaganda University. – Mathematics series. – 2018. – № 1(89). – P.8-11. DOI: 10.31489/2018M1/8-14.
21. Kosmakova M.T., Medeubaev N.K., Orumbayeva N.T., Tuleutaeva Zh.M. Problems of heat conduction with different boundary conditions in noncylindrical domains // AIP Conference Proceedings. – 2018. – Vol. 1997. – Issue 1. – P. 020071-1-020071-4. DOI: 10.1063/1.5049065.
22. Assanova A.T., Iskakova N.B., Orumbayeva N.T. Solvability of a periodic problem for the fourth order system of partial differential equations with time delay // Kazakh Mathematical Journal. – 2019. – Vol. 19. – No.2 – C.14-21.
23. Orumbayeva N.T., Keldibekova A.B. On the solvability of the duo-periodic problem for the hyperbolic equation system with a mixed derivative // Bulletin of the Karaganda University. – Mathematics series. – 2019. – № 1(93). – P. 59-71. DOI: 10.31489/2019M1/59-71.
24. Assanova A.T., Iskakova N.B., Orumbayeva N.T. On the well-posedness of periodic problems for the system of hyperbolic equations with finite time delay // Mathematical Methods in the Applied Sciences. – 2020. – Vol. 43. – Issue 2. – P. 881-902. DOI: 10.1002/ma.5970.
25. Orumbayeva N.T., Keldibekova A.B. On One Solution of a Periodic Boundary-Value Problem for a Third-Order Pseudoparabolic Equation // Lobachevskii Journal of Mathematics. 2020. – Vol. 41. – Issue 9. – P. 1857-1865. DOI: 10.1134/S1995080220090218.

The number of published scientific and educational works - more than 90, including:

- in journals based on Scopus - 7;
- in journals based on Clarivate Analytics - 17;
- in publications recommended by COXON MES RK-17;
- monographs – 4;
- textbooks, textbooks, electronic textbooks (co-authored) - 9.

The Hirsch Index based on Scopus-2.

The Hirsch Index based on Clarivate Analytics-4.

- 1) 2003-2005 No. 1-1-1. 2-3(37) " Development of qualitative methods for studying differential equations for solving boundary value problems and inverse problems»;
- 2) 2006-2008.№1.6-3.(1.6.1-01) " Development of qualitative methods for studying differential equations for solving boundary value problems and inverse problems»;
- 3) 2015-2017 No. 1164 / GF4 " Non-classical problems of mathematical physics and singular Volterra integral equations»;
- 4) 2018-2020 AP05132262 " Pseudo-Voltaire integral equations and non-classical evolutionary boundary value problems»;
- 5) 2020-2021 AR08955795 " Boundary value problems for the equation of thermal conductivity with a fractional order load»;
- 6) 2021-2023 AP09259780 "Boundary value problems for pseudoparabolic equations and related special Volterra integral equations".

**Participation in the
implementation of scientific
projects**

Membership in professional scientific organizations

- member of the Dissertation Council for the defense of PhD theses in the specialty 6D060100 - Mathematics;
- scientific supervisor of PhD doctoral students specialty 6D060100 - Mathematics;
- expert of the Republican Scientific and Practical Center "OQULUQ" for checking textbooks in mathematics;
- expert of test tasks in the Republican State Enterprise "National Testing Center" of the Ministry of Education and Science of the Republic of Kazakhstan for "External assessment of educational achievements in higher education organizations";
- member of the Council of the Faculty of Mathematics and Information Technologies.

Awards and titles

- Winner of the title and grant "Best University Teacher of 2018" (2019),
- Winner of the Professor T. G. Mustafin Award (2014)

Courses

1. Mathematical analysis.
2. Differential equations.
3. Equations of mathematical physics.
4. Calculus of Variations.
5. Partial differential equations.

Professional and scientific interests

- Boundary value problems for second-order hyperbolic equations;
- Boundary value problems for pseudo-parabolic and pseudo-hyperbolic equations of the third order.

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID: AAC-6441-2020
ORCID ID: 0000-0003-1714-6850
RSCI: 1089-7093
Author ID Scopus: 57192194581