

**PERSONAL INFORMATION TOKMAGAMBETOV NARIMAN**



📍 Republic of Kazakhstan, Karaganda city, University street, 28, Buketov Karaganda University

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🌐 <https://orcid.org/0000-0002-6297-5888>

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| Date of birth: 11.09.1989

**PLACE OF WORK, POSITION**

Buketov Karaganda University, senior lecturer of algebra, mathematical logic and geometry department named after T.G. Mustafin

**SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)**

Master of Science in Natural Sciences, PhD.

**WORK EXPERIENCE**

**Place and date**

12 years

2011-2012 years - General school of village “Dubovka”, teacher of mathematics

2012-2013 years - General school №23, teacher of mathematics

2013-2014 years – lecturer on Karaganda Academy of the Ministry of internal Affairs of Kazakhstan

2014-2018 yy. - lecturer at the department of geometry and topology; Karaganda State University named after academic E.A. Buketov

From September 2022 until now - senior lecturer of algebra, mathematical logic and geometry department named after T.G. Mustafin, Buketov Karaganda University

**EDUCATION AND PROFESSIONAL TRAINING**

**Education**

– 2007-2011 yy; Karaganda State University named after Academician E. A. Buketov, Faculty of Mathematics, specialty – 05010900 - "Mathematics", qualification – bachelor of mathematics;

– 2011-2013 yy. - Karaganda State University named after Academician E. A. Buketov, Faculty of Mathematics, specialty-6M060100 - "Mathematics", qualification- Master of Pedagogical Sciences (with honors);

– 2018-2021 yy. – Kazakh National University named after L.N.Gumilev, specialty "6D060100-- Mathematics" doctorate

**Professional trainings, Scientific trips**

-- 23.12.2013 years - under the program "The use of optimization methods is natural-scientific research", he completed an internship (Prague, Czech Republic);

-- 20.01.2020r-20.03.2020rr.- Under the doctoral program, he underwent a scientific internship Tromso-Arctic University Narvik campus, Narvik, Norway

## SKILLS DEVELOPMENT INFORMATION

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Certificate under the program "The use of optimization methods is natural-scientific research", he completed an internship (Prague, Czech Republic);  
Certificate (31.05.2013) on advanced training under the program "School of Lecture" for teachers of the KarSU. E.A.Buketova. (KarSU, Karaganda);  
Certificate No. 0006541 (03/06/2013) on advanced training under the program "computer literacy within the framework of the Program for reducing the information divide in the Republic of Kazakhstan" (KarSU, Karaganda);  
Certificate No. 26/13 (01/06/2014) on advanced training under the program "Development of distance learning technologies for humanitarian specialties" (KarEU, Karaganda);  
Certificate No. 434017 (25.02.2017) on advanced training under the program "Fundamental issues of modern mathematics" (KarSU, Karaganda);  
Certificate No. 0000016 (04/17/2022) completed the course "Introduction to the theory of algorithms" (KarSU, Karaganda);

## PERSONNEL QUALITIES

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**Native language** Kazakh

**RUSSIAN**

**LANGUAGE**

UNDERSTANDING		SPEAKING	WRITING
Hearing	Reading	Oral speech	
+	+	+	+

**LANGUAGE CERTIFICATE:**

**English**

**LANGUAGE CERTIFICATE:**

**Digital skills**

USER: MICROSOFT OFFICE (WORD, EXCEL, POWER POINT)

**Other skills (hobbies)**

reading, traveling, sports games (football, volleyball, asyk atu), board games.

## ADDITIONAL INFORMATION

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## Main publications

- 1 Tokmagambetov N.S., Shaimardan S. A fractional  $\alpha$ -differential equation with the fractional  $\alpha$ -derivative // *GYLYM JÁNE BILIM* – 2020: сборник материалов XV Международной научной конференции студентов и молодых ученых. Нур-Султан. - 2020. 10 апреля. – С.1342-1343.
- 2 Shaimardan S. Tokmagambetov N.S. On the solutions of a fractional  $\alpha$ -differential equation with the composite fractional  $\alpha$ -derivative // *Посвященная 1150-летию Абу Насыр аль-Фараби и 75-летию Института математики и математического моделирования: традиционная международная апрельская математическая конференция в честь Дня работников науки Республики Казахстан. Алматы. - 2020. 2-5 апреля. - С.56-57.*
- 3 Tokmagambetov N.S. The Cauchy type problems for  $\alpha$ -differential equations with the Riemann-Liouville fractional  $\alpha$ -derivatives // *GYLYM JANE BILIM-2021: сборник материалов XVI Международный научной конференции студентов и молодых ученых Нур-Султан. - 2021. 12 апреля. – С. 1372-1374.*
- 4 Tokmagambetov N.S. On one solution of the Schrödinger equation generated by the Bessel  $\alpha$ -operator in quantum calculus // *Importance of Soft Skills for Life and Scientific Success: материалы 1-й междунар. Научно-практ. Интернет-конф. – Днепр (Украина), - 2022. – С. 95-96.*
- 5 Shaimardan S., Persson L.E. and Tokmagambetov N.S. Existence and uniqueness of some Cauchy type Problems in fractional  $\alpha$ -difference calculus // *Filomat. -2020. 34:13. –P. 4429-4444.*
- 6 Shaimardan S., Tokmagambetov N.S. On the solutions of some fractional  $q$ -differential equations with the Riemann-Liouville fractional  $q$ -derivative // *Bulletin of the Karaganda university. Mathematics series. - 2021. – №4 (104). – P. 130-141.*
- 7 Shaimardan S., Tokmagambetov N.S. The Cauchy problems for  $\alpha$ -difference equations with the Caputo fractional derivatives // *Journal of Mathematics, Mechanics, Computer Science. Mathematics series. – 2022. – Vol. 113, №1. – P. 42-56.*
- 8 Shaimardan S., Tokmagambetov N.S. The Schrodinger equations generated by  $\alpha$ -Bessel operator in quantum calculus // *Bulletin of the Karaganda university. Mathematics series. - 2022. – №1 (105). – P. 102-108.*
- 9 Shaimardan S., Tokmagambetov N.S., A. Ergen. The Bessel equation on the quantum calculus // *Bulletin of the Karaganda university. MATHEMATICS Series., - 2022. – №3(107). – P. 132-143.*
- 10 A. Ergen, Shaimardanuly Yersinbek, Seitzhan N.S., Tokmagambetov N.S. The Bessel equation on  $h$ -calculus // *Математика, механика және информатиканың өзекті мәселелері Профессор Т.Ф. Мұстафиннің 80 жылдығына арналған Халықаралық ғылыми конференцияның материалдары. Ғылыми электрондық басылым. Қарағанды. 8-9 қыркүйек 2022. – Б.82-83.*
- 11 Shaimardan S., Persson L.E. and Tokmagambetov N.S. On the Heat and Wave Equations with the Sturm-Liouville Operator in Quantum Calculus // *Abstract and Applied Analysis Volume 2023, Article ID 2488165, 8 pages.*

Hirsh index in Scopus base – 1.

Hirsh index in Clarivate Analytics base – 1

**Participation in the  
implementation of scientific  
projects**

**Membership in professional  
scientific organizations**

**Awards and titles**

**Courses**

1. Differential geometry and topology.
2. Algebra and geometry
3. Mathematics-1
4. Geometry
5. Additional geometry chapters
6. Analytical geometry
7. Algebra and analytical geometry
8. Analytical geometry and linear algebra
9. Selected geometry questions

**Professional and scientific  
interests**

Fundamentals of projective geometry, mathematical modeling and research of boundary value problems of plane element oscillations.

**SCIENTIFIC DATABASES  
IDENTIFIERS**

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**ORCID ID:** <https://orcid.org/0000-0002-6297-5888>

**RSCI:**

**Author ID Scopus: 57219758292**