



Tetiana Revina

Work permit: Ukraine | **Date of birth:** 05/04/1980 | **Place of birth:** Kharkiv, Ukraine |
Nationality: Ukrainian | **Phone:** (+380) 0955251967 (Mobile), (+380) 577075518 (Work) |
Email address: t.revina@karazin.ua | **Website:**
<https://appmath.univer.kharkov.ua/Revina.htm> | **Instagram:** [tatianarevina2018](https://www.instagram.com/tatianarevina2018) |
LinkedIn: [Тетяна Ревіна](#) | **Whatsapp Messenger:** t revina | **Address:** Svobody Sq., 4,
audience 7-28, 61022, Kharkiv, Ukraine (Work)

● ABOUT MYSELF

Keep calm and love math

● WORK EXPERIENCE

01/09/2017 - CURRENT - KHARKIV, UKRAINE

ASSOCIATE PROFESSOR V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY

I teach courses:

- Mathematical Analysis
- Differential Equations
- Calculus of Variations
- Optimization Methods
- Control Theory
- Control Theory for Robust Systems
- Stability Theory
- Optimization methods and soft computing
- Game Theory
- Fuzzy Logic
- Interval analysis: theory and applications

Research interests:

- Control Theory
- Finite-time Stabilization
- Controllability Function Method
- Uncertain Systems
- Feedback for Robust Systems
- Controllability of Mechanical Systems
- Bayesian Game Theory
- ETF Liquidity

31/08/2011 - 30/08/2017 - KHARKIV, UKRAINE

ASSISTANT PROFESSOR V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY

● EDUCATION & TRAINING

01/05/2026 - 19/05/2026 - KHARKIV, UKRAINE

GOOGLE – AI TOOLS FOR KARAZIN UNIVERSITY TEACHERS: PERSONALIZING STUDENT LEARNING, № G-AI-KAR-2026/0159- V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY

30/06/2025 - 09/07/2025 - L'AQUILA, ITALY

CERTIFICATE IN ERASMUS+ INTERNATIONAL CREDIT MOBILITY PROGRAMME- UNIVERSITY OF L'AQUILA, ITALY

Field(s) of study:Mathematics | **Website:** <https://www.disim.univaq.it>
Link <https://www.intermaths.eu/bip2025>

01/03/2024 - 30/06/2024 - WILDAU, GERMANY

DAAD PROJECT 57722094- DAAD

Website: <https://wildau-it-bridge.de/>

30/09/2018 - 04/10/2018 - MURCIA, SPAIN

CERTIFICATE IN ERASMUS+ INTERNATIONAL CREDIT MOBILITY PROGRAMME- UNIVERSITY OF MURCIA

Field(s) of study:Teacher training with subject specialisation | **Website:** www.um.es/en/

30/11/2016 - 30/04/2017 - KHARKIV, UKRAINE

PHD IN DIFFERENTIAL EQUATIONS, MATHEMATICS SUBJECT CLASSIFICATION: 93 – SYSTEMS THEORY; CONTROL - V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY

Scientific advisor: Professor Valery I. Korobov

Field(s) of study:Education science | **Final grade:** PhD | **Thesis:** PhD Thesis “On feedback for robust linear systems” |
Address: Svobody Sq, 461022 | **Website:** <http://dspace.univer.kharkov.ua/handle/123456789/14445>

31/10/2002 - 30/10/2006 - KHARKIV, UKRAINE

POSTGRADUATE EDUCATION IN DIFFERENTIAL EQUATIONS- V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY

Address: Svobody Sq., 461022 | **Website:** <https://karazin.ua/>

31/08/1997 - 29/06/2002 - KHARKIV, UKRAINE

MASTER IN APPLIED MATHEMATICS (WITH HONORS)- V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY

Address: Svobody Sq., 461022 | **Website:** <https://karazin.ua/>

● **LANGUAGE SKILLS**

Mother tongue(s): **UKRAINIAN**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
RUSSIAN	C2	C2	C2	C2	C2

● **SKILLS**

Microsoft Office | Latex: advanced user | Good knowledge of Wolfram Mathematica | Mathematical Skills

● **PUBLICATIONS**

[Korobov V. I., Revina T. V. On the feedback synthesis for an autonomous linear system with](#)

[perturbations.](#)

Journal of Dynamical and Control Systems, 2024.

Participation online of Prof. Tetiana Revina in the Colloquium 2023

Center for Dynamics and Nonl. Science in the School of Math. at the Georgia Institute of Technology.

[Korobov V. I., Revina T. V. On perturbation range in the feedback synthesis problem for a chain of integratorssystem](#)

IMA J. Math. Control and Information, 2021, 38(1), pp. 396-416. .

[Korobov V. I., Revina T. V. Oscillations damping of the material point on the spring at the inexactly definedspring stiffness](#)

Mekhanika. Issledovaniya i innovachii. Gomel, 2021, Vol. 14, pp. 105-111 (Russian).

[Korobov V. I., Revina T. V. On robust feedback synthesis for systems with multidimensional control](#)

Journal of Mathematical Physics, Analysis, Geometry, 2017, Vol. 13, No. 1, pp. 35-56.

[Korobov V. I., Revina T. V., Moiseeva O. O. On the feedback synthesis problem for one robust oscillating system](#)

Mekhanika. Issledovaniya i innovachii. Gomel, 2017, Vol. 10, pp. 99-105, ISSN 2519-8742. (Russian).

[Korobov V. I., Revina T. V. Robust feedback synthesis for the canonical system](#)

Ukr. Math. J., 2016, Vol. 68, No. 3, pp. 380-398.

[Korobov V. I., Revina T. V. Controllability of the material point motion considering the unknown friction](#)

Mekhanika. Issledovaniya i innovachii. Gomel, 2016, Vol. 9, pp. 61-66, ISSN 2227-1104. (Russian).

[Korobov V. I., Revina T. V. The solution of the robust feedback synthesis problem for a canonical system](#)

DAN Ukraini, 2015, Vol. 6, pp. 13-18. (Russian).

[Korobov V. I., Revina T. V. Robust feedback synthesis problem for systems with a single perturbation](#)

Communications in Mathematical Analysis, 2014, Vol. 17, no. 2, pp. 217-230.

[Revina T. V. Several approaches to delimiting a perturbation in the global robust feedback synthesis problem](#)

Visn. Khark. Univ., Ser. Mat. Prykl. Mat. Mekh., 2014, Vol. 1133, Issue 70, pp. 140-155 (Russian).

● **PROJECTS**

Sinyakina Anzhelika, Bachelor Degree in Applied Mathematics, "Mathematical Approaches to Solving Multi-Criteria Optimization Problems", 2026, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Ponomarov Oleksandr, Bachelor Degree in Applied Mathematics, "Voting systems and Arrow's theorem.", 2025, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Wu Huangyifu, Master Degree in Computer Sciences and Information Technologies, "Solution methods for problems of integer programming", 2024, V. N. Karazin Kharkiv National University I was the scientific advisor of

Yao Qingtao, Master Degree in Computer Sciences and Information Technologies, "Fuzzy logic and its application to recommender systems", 2024, V. N. Karazin Kharkiv National University I was the scientific advisor of

Li Yan, Master Degree in Computer Sciences and Information Technologies, "Interval linear scalar and

matrix equations", 2024, V. N. Karazin Kharkiv National University I was the scientific advisor of

Liu Lei, Master Degree in Computer Sciences and Information Technologies, "Interval matrices: finding the inverse matrix and eigenvalues", 2024, V. N. Karazin Kharkiv National University I was the scientific advisor of

Shihao Zhang, Master Degree in Mathematics, "Convergence analysis of the Levenberg-Marquardt algorithm", 2024, V. N. Karazin Kharkiv National University and Hangzhou Normal University I was the scientific advisor of

Borzenkov Andrii, Master Degree in Applied Mathematics, "Multiple imputation as a valid way of dealing with missing data", 2024, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Dinaburska Maryna, Bachelor Degree in Applied Mathematics, "On the synthesis problem for one nonlinear controllable system", 2024, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Starytska Kateryna, Bachelor Degree in Applied Math. "The envelope of a family of ellipses that arises when solving the inertial control synthesis problem for a two-dimensional canonical system", 2023, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Zhuravlev Dmitro, Bachelor Degree in Applied Mathematics, "The solution of the inertial controls synthesis problem for the canonical system", 2019, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Samoilenko Hanna, Bachelor Degree in Applied Mathematics, "The general method for solving the local feedback synthesis problem for double integrator system", 2019, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Moiseienko Nataliia, Master Degree in Applied Mathematics, "The solution of the feedback synthesis for one system based on the admissible maximum principle", 2018, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Nevmerzhytska Olena, Master Degree in Applied Mathematics, "On feedback synthesis for one robust three-dimensional system", 2018, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Vysotskiy Nikita, Bachelor Degree in Applied Mathematics, "Several approaches for solving feedback synthesis problem for one three-dimensional system", 2018, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Chuiko Vladyslav, Bachelor Degree in Applied Mathematics, "Stopping of oscillations of controlled elliptic pendulum", 2018, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Moiseeva Olena, Bachelor Degree in Applied Mathematics, "On the robust feedback of connected oscillator", 2017, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Varnavskaya Nadegda, Bachelor Degree in Applied Mathematics, "On the feedback synthesis problem of connected oscillator", 2016, V. N. Karazin Kharkiv National University. I was the scientific advisor of

Kozhukhov Yevgeniy, Master Degree in Applied Mathematics, "Stopping of vibrations of the nonlinear robust mechanical pendulum-type system", 2015, V. N. Karazin Kharkiv National University I was the scientific advisor of

Titov Dmitry, Bachelor Degree in Applied Mathematics, "The controllability of robust systems", 2013, V.

N. Karazin Kharkiv National University. I was the scientific advisor of

● HONOURS AND AWARDS

05/05/2026 V. N. Karazin Kharkiv National University

Diploma of the 2nd degree of the Ukrainian competition of student scientific reserches I was the scientific advisor of

Sinyakina Anzhelika, diploma of the 2nd degree of the Ukrainian competition of student scientific reserches in the V. N. Karazin Kharkiv National University in 2025/2026 academic year, specialty Applied mathematics

01/05/2024 B. Verkin ILTPE of NASU

Grant of the Mathematical Projects Competition of the N. I. Akhiezer Foundation

Link https://ilt.kharkov.ua/bvi/info/akhiezer_fond/akhiezer_fond_main_e.htm

01/04/2024 V. N. Karazin Kharkiv National University

Diploma of the 2nd degree of the Ukrainian competition of student scientific reserches I was the scientific advisor of

Dinaburska Maryna, diploma of the 2nd degree of the Ukrainian competition of student scientific reserches in the V. N. Karazin Kharkiv National University in 2023/2024 academic year, specialty mathematics and statistics, applied mathematics (mechanics).

Link <https://karazin.ua/>

01/05/2023 B. Verkin ILTPE of NASU

Grant of the Mathematical Projects Competition of the N. I. Akhiezer Foundation

Link https://ilt.kharkov.ua/bvi/info/akhiezer_fond/akhiezer_fond_main_e.htm

01/01/2023

Certificate of Fellowship Program of the Universities for Ukraine (U4U)

● ORGANISATIONAL SKILLS

From September 2018 till August 2019 I was Deputy Dean for Education

I was the local organizer of the Mirror of the 79th William Lovel Putnam Mathematical Competition in the Kharkiv region, Ukraine, which was held on December 2, 2018

Good organisational skills gained as a secretary of the Department of Applied Mathematics seminar in V. N. Karazin Kharkiv National University

During 4 years (2015-2019) I was the mentor of the academic group, I help students to solve their various problems. Since 2022, I am again a mentor of the group.

During education at the university and postgraduate education I was the monitor

● SITATIONS

<https://scholar.google.com.ua/citations?user=mTbRrbcAAAAJ&hl=uk&oi=sra>

● MATHEMATICS GENEALOGY PROJECT

<http://www.genealogy.ams.org/id.php?id=226673>

● RESEARCHGATE

- **ID**

ID

ORCID identifier: 0000-0002-0517-622X

Scopus ID: 56458385400

MR Autor ID: 1091313

ResearcherID Web of Science: IWD-7530-2023