



Faculty of Physics and Mathematics



L.F.M.

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POSITION

Senior lecturer

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ACADEMIC DEGREE

- 2010–2012 — Urgench State University, Master's Degree
- 2006–2010 — Urgench State University, Bachelor's Degree
- 2022–2025 — PhD Student (Basic Doctoral Candidate), Department of Mathematical Analysis, Urgench State University

WORK EXPERIENCE

- 2025 – present — Senior Lecturer, Department of Mathematical Analysis, Urgench State University named after Abu Rayhon Beruni
- 2020–2022 — Lecturer, Department of Mathematical Analysis, Urgench State University
- 2015–2020 — Assistant to the Rector, Urgench State University
- 2012–2015 — Lecturer, Department of Function Theory, Urgench State University

SPECIALIZATION

- Mathematical Analysis

SUBJECTS TAUGHT

- Mathematical Analysis, Theory of Functions of a Complex Variable.

RESEARCH WORK

- Pluri-k-subharmonic Functions (Master's Thesis Topic)

RESEARCH WORK

- « k — Plurisubharmonic Functions//*Istedod Ziyosi* (Collection of Scientific Works of Master's Students), Urgench State University Press, 2012.
- J. Abdullaev, B. Yusupov, Application of Trigonometric Substitutions in Solving Certain Equations//*Ilm Sarchashmalari*, Journal of Urgench State University, Issue 11, 2014.
- J. Abdullaev, S. Khaitboev, J. Abdullaev, The Beauty Reflected in Mathematical Formulas//*Bulletin of the Khorezm Mamun Academy*, Khiva, 2014, No. 4(33), pp. 6–9.
- Sh. Rahimova, J. Abdullaev, "Application of Recurrent Formulas to Definite Integrals" // Republican Scientific-Practical Conference "*The 21st Century – the Century of Intellectual Generation*", 16 December 2014.
- Sh. Rahimova, Q. Khaitboev, J. Abdullaev, Using the Cauchy–Bunyakovsky Inequality to Find Extremal Values in Some Problems//Republican Scientific-

Practical Conference “*The 21st Century – the Century of Intellectual Generation*”, 16 December 2014.

- J. Abdullaev, U. Sobirov, Application of the Fundamental Theorems of Differential Calculus to Functional Equations and Inequalities via the Method of Harmony//*Bulletin of the Khorezm Mamun Academy*, Issue 2, 2015.
- J. Abdullaev, “Solving Complex Problems in Planimetry Using the Cauchy–Bunyakovsky–Schwarz Inequality//Regional Scientific-Practical Conference of Young Scientists and Students “*The 21st Century – the Century of Intellectual Generation*”, Vol. 2, Urgench, 4–5 June 2015.
- Boltaeva, N. Vaisova, Teaching the Topic ‘Laplace Integral Theorem Using Electronic Learning Resources//*Bulletin of the Khorezm Mamun Academy*, Issue 3, 2015.
- S. Bekchanov, Using Ravi Substitution in Proving Geometric Inequalities//*Ilm Sarchashmalari*, Journal of Urgench State University, Issue 4, 2016.
- U. Sobirov, S. Bekchanov, Sh. Atanazarova, Application of Vectors to Certain Problems//*Bulletin of the Khorezm Mamun Academy*, Issue 1, 2016.
- S. Bekchanov, Mean Values for Positive Real Numbers and Relations Between Them//Republican and Regional Scientific-Practical Conference “*The 21st Century – the Century of Intellectual Generation*”, Urgench, 8–9 June 2016.
- S. Bekchanov, Application of the Coordinate Method to Some Geometric Problems//*Bulletin of the Khorezm Mamun Academy*, Issue 2, 2016.
- J. Abdullaev, Sh. Sobirov, Non-Traditional Methods for Solving Some Functional Equations//*Ilm Sarchashmalari*, Journal of Urgench State University, Issue 12, 2016.
- J. Abdullaev, Solving Some Advanced Olympiad Problems Using the Method of Complex Numbers//Republican Conference “*Prospects of Reforms in Higher Education System*”, Tashkent, 15 March 2017.
- S. Bekchanov, Triangles and Inequalities//Republican Conference “*Prospects of Reforms in Higher Education System*”, Tashkent, 15 March 2017.
- J. Abdullaev, U. Sobirov, Solving Some Geometric Problems Using the Cauchy–Bunyakovsky Inequality//Republican Scientific-Practical Conference on Current Issues in Teaching Exact Sciences, Bukhara, 19 May 2017.
- J. Abdullaev, Z. Matyakubov, Solving Polynomial Divisibility Problems Without Remainder Using Complex Numbers//Republican Scientific-Practical Conference on Current Issues in Teaching Exact Sciences, Bukhara, 19 May 2017.
- J. Abdullaev, Z. Matyakubov, Some Applications of the Ratio of Power Series//*Ilm Sarchashmalari*, Journal of Urgench State University, Issue 8, 2017.
- J. Abdullaev, Z. Matyakubov, Application of the Coordinate Method to Some Problems//*Ilm Sarchashmalari*, Journal of Urgench State University, Issue 9, 2017.
- Vaisova M.D., Akhmedov Q.Y., m-Harmonicity of m-Harmonic Functions in an Arbitrary Ball of \mathbb{C}^n // *Polish Science Journal*, Issue 11(56), Warsaw, 2022. “POLISH SCIENCE JOURNAL” ISSUE 11(56), Warsaw-2022.
- Akhmedov Q.Y., m-Plurisubharmonic Functions and Some of Their Properties//International Scientific-Practical Conference “**Actual Problems of Mathematical Modelling and Information Technologies**”, Nukus, May 2–3, 2023.
- Akhmedov Q.Y., Some Properties of m-Plurisubharmonic Functions//*Ilm Sarchashmalari* (Springs of Science), Urgench State University, 2024, No. 5/1, pp. 19–23.

	<ul style="list-style-type: none"> • Sharipov R.A., Axmedov Q.Y., m-plurisubharmonic functions and its properties., “Actual problems of applied mathematics and information technologies Al-KHwarizmi” IX xalqaro ilmiy konferensiyasi., 2024 yil 22-2-oktyabr kunlari, Toshkent shahri. • Q.Y. Akhmedov, Sh.X. Bekchanova., On Complex Hyperplanes in \mathbb{C}^n Space and Their Projections in Real Space//Republican Scientific-Practical Conference “Modern Approaches to Teaching Exact and Natural Sciences: Problems and Solutions”, Navoi State University, Navoi City, April 18–19, 2025.Q.Y. • Akhmedov Q.Y., Rajapova R.O., On the Relation Between 2-Plurisubharmonic Functions in \mathbb{R}^3 and 2-Subharmonic Functions in Space//Proceedings of the Republican Scientific-Practical Conference “Modern Approaches to Teaching Exact and Natural Sciences: Problems and Solutions”, Navoi State University, Navoi, Uzbekistan, April 18–19, 2025. • Q.Y,Akhmedov, Sh.X. Bekchanova., On Complex Hyperplanes in \mathbb{C}^n Space and Their Projections in Real Space., Urgench State University, <i>Ilm Sarchashmalari</i> (Springs of Science), 2025, No. 5/2, pp. 52–55. • Y. Akhmedov, R.O. Rajapova, On the Relation Between mmm-Plurisubharmonic Functions in \mathbb{R}^3 and mmm-Subharmonic Functions in \mathbb{C}^3//<i>Bulletin of Urgench State Pedagogical Institute</i>, 2025, No. 2, pp. 167–171.
CURRENT RESEARCH	m -plurisubharmonic functions..