

## Faculty of Exact and Natural Sciences



**POSITION** Acting Associate Professor of the Department of Mathematics and Computer Technology  
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**INSTITUTION** Urgench State Pedagogical Institute  
**NAME** Sultanov Bakhodir Yuldashevich

<b>DEGREE</b>	<ul style="list-style-type: none"> <li>• 1990 Novosibirsk State University, Candidate of Physical and Mathematical Sciences</li> <li>• 1981 Tashkent State University, Teacher of Mathematics.</li> </ul>
<b>EXPERIENCE</b>	<ul style="list-style-type: none"> <li>• 2018–2025 Head of the Department of Methodology of Preschool, Primary and Special Education of the Khorezm Regional Center for Pedagogical Excellence</li> <li>• 2005–2018 Rector of the Khorezm Regional Institute for Advanced Training and Retraining of Public Education Workers</li> <li>• 2001–2005 Head (Dean) of the Special Correspondence Department of Ural State University</li> </ul>
<b>SPECIALIZATION</b>	Mathematician. Teacher.
<b>TEACHED SUBJECTS</b>	Mathematical Analysis, Functional Analysis, Selected Chapters of Analysis, Abstract Algebra.
<b>RESEARCH WORK</b>	Some properties of reflections that distort modules to a limited extent
<b>RESEARCH</b>	<ol style="list-style-type: none"> <li>1. Sultanov B. Yu. On the problem of the modulus in space // Abstracts of the Conf. of Young Scientists of Siberia and the Far East. Novosibirsk, 1987. Pp. 84-86.</li> <li>2. Sultanov B. Yu. On one property of the modulus of a configuration // Abstracts of the report of the school-seminar "Complex Analysis and Mathematical Physics". Krasnoyarsk, June-July 1987. Pp. 105.</li> <li>3. Sultanov B. Yu. On the equality of the modulus and capacity of a polyring // Abstracts of the report of the All-Union Conf. on Geometric Theory of Functions, Novosibirsk, 1988. Pp. 96.</li> <li>4. Sultanov B. Yu. A criterion for the extendability of continuous functions and isomorphisms of trace spaces // Abstracts of the report of the school-seminar "Actual issues of complex analysis", Tashkent, 1989. P. 112.</li> <li>5. Sultanov B. Yu. On the equality of some conformal invariants on Riemannian manifolds // Mathematical analysis and discrete mathematics. Interuniversity collection of scientific papers. Novosibirsk, 1989. P. 78-87.</li> <li>6. Aseev V. V., Sultanov B. Yu. Modules of polycondensers and isomorphisms of trace spaces of continuous functions of class <math>Wn1</math> Novosibirsk, 1989. 22 p. (Preprint / USSR Academy of Sciences. Siberian Branch, Institute of Mathematics; No. 31).</li> <li>7. Sultanov B. Yu., Rakhimov J. Medical-hygienic and anatomical-physiological bases of professional orientation of students // "System of professional orientation of students: problems and solutions". Proceedings of the Republican scientific-practical conference. Tashkent, November 23-24, 2007. Pp. 259-260.</li> <li>8. Sultanov B. Yu., Rakhimov Zh. Problems of effective organization of health lessons // Scientific and pedagogical bases of using interactive methods in improving the quality and efficiency of the system of advanced training based on the "State national program for the development of school education for 2004-2009". Proceedings of the Republican scientific-practical conference. Tashkent, May 25-26, 2007. Pp. 259-260.</li> </ol>

9. Sultanov B.Yu., Saidov B. The famous archaeologist and ethnographer who shed light on the centuries-old past of Khorezm // Education, 2007, No. 2, pp. 22-24.
10. Sultanov B.Yu., Rakhimov Zh. Environmental education in preschool educational institutions // Actual problems of child personality development. Collection of abstracts and articles of the II International scientific-practical conference, April 3-5, Tashkent, 2008. P. 164.
11. Sultanov B.Yu., Rakhimov Zh., Ergasheva N. Improving the efficiency of environmental and hygienic education and training in the system of advanced training of personnel // "Actual problems of improving the quality and efficiency of the system of advanced training of personnel based on the State national program for the development of school education for 2004-2009". Collection of materials of the Republican scientific-practical conference. Tashkent, May 23, 2008, pp. 101-102.
12. Sultanov B.Yu. The role of the Russian language in the culture of interethnic communication//Teaching professional communication in Russian in the socio-cultural conditions of Central Asia. Proceedings of the regional scientific and methodological conference. Urgench, 2008, pp. 3-5.
13. Sultanov B.Yu., Rakhimov Zh., Khasanov S. The importance and possibilities of introducing continuous environmental education into the general education system // Continuous education. 2009, No. 6, pp. 77-80.
14. Sultanov B.Yu. Experience in organizing practical methodological assistance to students in rural schools // Using modern teaching methods in the system of advanced training and retraining of rural school teachers. Proceedings of the Republican scientific and practical conference. Tashkent, April 6, 2009, pp. 44-46.
15. Sultanov B.Yu., Rakhimov J. Issues of advanced training of teachers conducting optional classes in the development of general secondary education // Theoretical and practical problems of general secondary education. Republican scientific and practical conference. Tashkent, 2009, pp. 199-200.
16. Sultanov B.Yu., Rakhimov J., Abdullaeva N. Reproductive orientation of education to practical education is an important factor in improving the content of the advanced training system // Scientific and practical foundations for improving the modern content and methods of the advanced training system for public education workers. Proceedings of the Republican scientific and practical conference. May 12-13, 2010. pp. 190-191.
17. B. Sultanov, Sh. Allamov. Minimum conditions for quasi-conformity of reflections // Ilm sarchashmalari, 2013, No. 5, pp. 69-72.
18. Sultanov B. Yu. Psychological aspects of interaction between family, yard and educational institution in the process of education. // Pedagogy of cooperation in the system of continuous education, Proceedings of the International scientific conference. Book 4, pp. 149-151. Tashkent, 2014.
19. B. Sultanov. Reforms in the field of education. // Theoretical and practical issues of studying the heritage of Eastern thinkers in improving the effectiveness of education. Scientific and practical conference of workers in the public education system. December 28-29, 2016. Urgench, 2017. pp. 3-5.
20. Sultanov B.Yu. Using the Heritage of Al-Khwarizmi in Advanced Training of Primary School Teachers. // Improving the Quality and Efficiency of Primary Education and Physical Education: Problems and Solutions. International Scientific Conference. Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan, Ministry of Public Education, Tashkent State Pedagogical University, Uzbek State University of World Languages, Uzbek State Institute of Physical Education. Tashkent, 2017. Pp. 452-453. 21. B. Sultanov. "From the Experience of Teaching a Small-Modular Subject of Numerical and Letter Expressions to Primary School Teachers in Advanced Training Courses." Prospects for Using Modular Learning Technologies in the Continuing Education System: Problems and Solutions. International Scientific and Practical Conference. Tashkent, 2018. P. 202-203 (Ministry of Higher and Secondary Specialized Education of the Republic of

- Uzbekistan, Tashkent State Pedagogical University named after Nizami, Uzbek Research Institute of Pedagogical Sciences named after T.N. Qori Niyazi).
22. B. Yu. Sultanov. "The Importance of Retraining and Advanced Training Centers in Organizing Regulatory, Legal and Methodological Support for Primary School Teachers". Pedagogical Science and Its Prospects in Uzbekistan, Proceedings of the Republican Scientific and Practical Conference, TDPU, UzPFITI, Tashkent, 2019. P. 239-210 (Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan, Tashkent State Pedagogical University named after Nizami, Uzbek Research Institute of Pedagogical Sciences named after T.N. Qori Niyazi)
  23. B. Sultanov. Issues of Orienting Students to Innovative Activities. // Current issues of student orientation to innovative activities in the system of advanced training and retraining of personnel. Republican online scientific and practical conference. Tashkent SHTKTMOHM. P. 135-137. (Certificate No. 053, Date: 04/24/2020).
  24. B. Sultanov. The legacy of our ancestors and the use of local opportunities in mathematics lessons in elementary school. // "Current issues of the innovation-competence approach in primary education". Proceedings of the Republican scientific and practical conference. Urgench State University, April 10-11, 2020. Volume 1, pp. 73-76.
  25. B. Sultanov. The use of units of measurement in teaching mathematics in primary school // Proceedings of the Republican scientific and practical conference on the topic "Topical issues of innovative and competence-based approaches in primary education". Urgench State University, Volume II. Tashkent, 2020. Pp. 36-39.
  26. B. Sultanov. Methodology for using visual materials in developing computational competencies of primary school students // Competent organization of primary education: theory and practice. Nukus State Pedagogical Institute named after Ajiniyaz, international scientific and theoretical online conference. April 28, 2020.
  27. Sultanov B. Yu., Khudoynazarov E. M., Kochkarova Sh. A. Mental arithmetic (textbook). 5111700-Primary education and sports and training work. "Nodirabegim". Tashkent, 2021. 140 p.
  28. Bakhodir Sultanov, Khorezm VHTKTMOHM, Dildorakhon Rustamova, Ural State University, master's student. The role of extracurricular work in teaching primary school students units of measurement // "Creative pedagogical and psychological technologies - as a factor in increasing intellectual activity in the modern global world of increasing informatization." International online scientific and practical conference. Bukhara regional center for retraining and advanced training of public education workers of the Ministry of Public Education of the Republic of Uzbekistan. BUKHARA - JUNE 21, 2022. 29. Sultanov B.Yu., Khudoynazarov E.M., Kuchkarova Sh.A. Mental arithmetic (textbook), 2nd edition. 5111700-Primary education and sports and educational work. "Bookmany print". Tashkent, 2022. 118 p. 30. B. Sultanov, D. Rustamova. An integrated approach to teaching units of measurement in elementary grades. BULLETIN OF THE KHORAZM ACADEMY OF MAMUNA. 2022-12/3. Khiva-2022, 86-89 p.
  31. B. Sultanov, D. Rustamova. The importance of visual aids in teaching basic quantities in elementary grades. BULLETIN OF THE KHORAZM ACADEMY OF MAMUNA. 2023-3/3. Khiva-2023, 130-133 p.
  32. B. Sultanov. Using the heritage of ancestors in educating students in the spirit of patriotism. Proceedings of the Republican scientific and practical online conference on the topic "The importance of competencies and values in teaching social sciences". Urgench-2023. 115-116 p.
  33. Bakhodir Sultanov, Nurmat Radzhabov. Towards Science, Education and Mastery. Scientific, methodological and literary articles, documentaries, essays. Urgench, OOO "Izdatelstvo "Kuvonchbek-Mashkhura", 2024. 176 p.
  34. Bakhodir Sultanov. Effective mechanisms for determining the professional needs of primary school teachers and their inclusion in the content of education. // Scientific and pedagogical foundations of continuous professional development of teachers: problems

	<p>and solutions. International scientific and practical offline and online conference. April 25-26, 2024. Urgench, 2024. Pp. 42-45</p> <p>35. B. Sultanov. Information technologies in the organization of primary education // Ministry of Preschool and School Education of the Republic of Uzbekistan, Khorezm Region, Center for Pedagogical Excellence, Khorezm Academy named after Mamun PROCEEDINGS of the International Scientific and Practical Conference on the topic "Use of Artificial Intelligence, Digital Technologies and Modern Methods in Preschool and School Education: Problems and Solutions" (Khiva, May 16-17, 2025) Part II. Khiva, 2025. Pp. 436-437.</p>
CURRENT RESEARCH	Development of individual chapters of analysis, abstract algebra, work program, curriculum and lecture text. Preparation for obtaining the academic title of associate professor.
ACTIVITY IN THE 2024-2025 ACADEMIC YEAR	<p>1. Bakhodir Sultanov, Nurmat Radzhabov. Towards Science, Education and Mastery. Scientific, methodological and literary articles, documentaries, essays. Urgench, Kuvonchbek-Mashkhura Publishing House, LLC, 2024. 176 p.</p> <p>2. Bakhodir Sultanov. Effective mechanisms for determining the professional needs of primary school teachers and their inclusion in the content of education. // Scientific and pedagogical foundations of continuous professional development of teachers: problems and solutions. International scientific and practical offline and online conference. April 25-26, 2024. Urgench, 2024. Pp. 42-45</p> <p>3. B. Sultanov. Information technologies in the organization of primary education // Ministry of Preschool and School Education of the Republic of Uzbekistan, Khorezm Region, Center for Pedagogical Excellence, Khorezm Academy named after Mamun PROCEEDINGS of the International Scientific and Practical Conference on the topic "Use of Artificial Intelligence, Digital Technologies and Modern Methods in Preschool and School Education: Problems and Solutions" (Khiva, May 16-17, 2025) Part II. Khiva, 2025. Pp. 436-437.</p>