



Aziz Boltaev

Date of birth:
11/20/1986

Nationality: Uzbek
Gender: Male

CONTACT

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WORK EXPERIENCE

4/09/2006 – 30/12/2009 Mathematics and Computer Science Teacher, Academic Lyceum No.4 under Bukhara State University

Bukhara region, Bukhara city, Muhammad Iqbal str, 14

05/02/2013 – 28/08/2015 – Head of IT department at Bukhara Branch of Tashkent Irrigation and Melloration Institute

Bukhara region, Bukhara city, Gazli Shoh Str 32

01/04/2018–10/10/2019 Head of “Jasur – Jamshid Kelajak” LLC

Bukhara region, Bukhara city, Tor-Tor district 127

01/10/2019 – 31/08/2024 – Senior Researcher at Laboratory of Computational Mathematics under name of V.I. Ramanovsky Mathematical Institute, Academy of Sciences of The Republic of Uzbekistan.

01/10/2019 – 31/08/2024 – Senior Researcher at Laboratory of Computational Mathematics under name of V.I. Ramanovsky Mathematical Institute, Academy of Sciences of The Republic of Uzbekistan.

Tashkent City, Uneversitet st, 4

04/09/2023 – Current – Associate Professor, Department of Economics and Business Management at Nordic International University.

8/2 Bunyodkor str., Chilonzor district, Tashkent 100043, Uzbekistan.

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EDUCATION AND TRAINING

02/09/2002 – 01/07/2006 – Bukhara city, Uzbekistan

Bachelor’s degree (Physics and Mathematics)

Bukhara State University

Field(s) of study

General

-English, Algebra, Mathematics and Physics Equation

-Russian, Informational Technology, Programming

-Applied Mathematics

02/09/2007 – 16/07/2009 – Bukhara City, Uzbekistan

Master’s degree (Computational Mathematics)

Bukhara State University

General

-Numerical Analysis

-Mathematic Modelling

-Computational Mathematics

1/01/2010 – 31/12/2012 PhD student in Computational Mathematics.

Field(s) of study

General

-Numerical engineering and Data Since

-Computer tomography

-Applied Mathematics and IT, Programming

LANGUAGE SKILLS

MOTHER TONGUE(S): Uzbek

OTHER LANGUAGE(S):
English

Listening
B2

Reading
B2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
B2

Russian

Listening
C1

Reading
C1

**Spoken
production**
C1

**Spoken
interaction**
C1

Writing
C1

COMMUNICATION AND INTERPERSONAL SKILLS

Good communication skills gained through my experience as
Friendliness

- Confidence
- Empathy
- Open-Mindedness
- Respective

MANAGEMENT AND LEADERSHIP SKILLS

Manager

Currently, manage the school team of more than 100 people
Leadership
Problem-solving

Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times

Thrive in a team environment and work well with others
Enjoy working as a team member as well as independently
Team leader and team player

DIGITAL SKILLS

My Digital Skills

SELF-ASSESSMENT / Microsoft Office, Microsoft Word, Microsoft Excel, Outlook, Facebook, Google

PUBLICATIONS

Educational literature

1. M.O' Xudoyberganov, A.K. Boltayev. Sonli usullar. O'quv qo'llanma, Toshkent, "NIF MSH", 2024, 188 bet.

List of scientific articles

1. Shadimetov Kh.M., Hayotov A.R. Boltaev A.K. About coefficients and order of convergence of the optimal quadrature formula // American Journal of Numerical Analysis, Science and Education Publishing, 2014. Vol.2. No2, pp. 35-48.
2. Shadimetov Kh.M., Boltaev A.K. An exponential-trigonometric spline minimizing a semi-norm in a Hilbert space // Advances in Differential Equations, Springer, 2020, Volume 352, 1-16 pages. Scopus (IF:=1.72)
3. Shadimetov Kh.M., Hayotov A.R., Boltaev A.K. Construction of optimal quadrature formulas exact for exponential-trigonometric functions by Sobolev's method. // Acta Mathematica Sinica, English series, 2021, Vol. 37, №7, pp.1066-1088. <https://doi.org/10.1007/s10114-021-9506-6>. Scopus (IF:=0.95).
4. Boltaev A.K., Akhmedov D.M. On an exponential-trigonometric natural interpolation spline.// AIP Conference Proceedings 2365, 020023 (2021); <https://doi.org/10.1063/5.0057116> Scopus (IF:=0.4)
5. Shadimetov Kh.M., Boltaev A.K., Nuraliev F.A. The extremal function of interpolation formulas in space. // Вестник Краунц, Физ-мат, науки, 2021, Т36, №3, -С. 123-132. <https://doi.org/10.26117/2079-6641-2021-36-3-123-132>
6. Shadimetov Kh.M., Boltaev A.K., Parovik R.I. Construction of optimal interpolation formula exact for trigonometric functions by Sobolev's method // Вестник Краунц, Физ-мат, науки, 2022, Т38, №1, -С. 131-146. <https://doi.org/10.26117/2079-6641-2022-38-1-131-146>
7. D.A. Tverdyi, R.I. Parovik, A.R. Hayotov, A.K. Boltaev. Parallelization of a Numerical Algorithm for Solving the Cauchy Problem for a Nonlinear Differential Equation of Fractional Variable Order Using OpenMP Technology. Вестник Краунц, Физ-мат, науки, 2023, Т43, №2, -С. 87-110. <https://doi.org/10.26117/2079-6641-2023-43-2-87-110>
8. Kholmat Shadimetov, Aziz Boltaev, Roman Parovik. Optimization of the Approximate Integration Formula Using the Discrete Analogue of a High-Order Differential Operator. Mathematics, 2023, 11, 3114. <https://doi.org/10.3390/math11143114>. Scopus (IF:=2.9)
9. Shadimetov, K.M., Boltaev, A.K. An Exponential-Trigonometric Optimal Interpolation Formula. Lobachevskii J Math., 44, 4379-4392 (2023). <https://doi.org/10.1134/S1995080223100359> Scopus (IF:=0.8)
10. Shadimetov Kholmat, Boltaev Aziz. System for finding the optimal coefficients of an interpolation spline. AIP Conference Proceedings, 2024, Vol. 3004, No. 1, 060036 Scopus (IF:=0.5)
11. Болтаев А.К. Существование и единственность решения системы для оптимальных коэффициентов // Узбекский математический журнал. -Ташкент, 2012. -№2. -С.30-36.
12. Болтаев А.К., Нуралиев Ф.А. Об одном дискретном аналоге дифференциального оператора // Проблемы вычислительной и прикладной математики, - Ташкент, 2019, №2, -С.71-78.
13. Boltaev A.K., Akhmedov D.M. Extremal function of a quadrature formula // Bulletin Institute of Mathematics, Uzbekistan Academy of Sciences. 2020. no 2. p. 34-38.
14. Болтаев А.К. Об оптимальной интерполяционной формуле на классах дифференцируемых функциях // Проблемы вычислительной и прикладной математики, - Ташкент, 2021, №4(34), -С. 96-105.
15. Boltaev A.K., Shadimetov Kh.M. Optimal interpolation formulas on classes of differentiable functions // Uzbek Mathematical Journal. 2021. Vol.65. Issue 4. pp. 166-74. <https://doi.org/10.29229/uzmj.2021-4-15>
16. Болтаев А.К., Шоназаров С.К. Система для нахождения оптимальных коэффициентов интерполяционных формул // Проблемы вычислительной и прикладной математики, - Ташкент, 2022, №5/1(44), -С. 54-63.
17. Болтаев А.К. Существование и единственность решения системы для оптимальных коэффициентов. Bull. Inst. Math., 2022, Vol.5, №6, pp. 64-71.
18. Болтаев А.К. Алгоритм для нахождения оптимальных коэффициентов интерполяционных формул // Проблемы вычислительной и прикладной математики, - Ташкент, 2023, № 2(1), - С. 58-68.
19. Boltaev A.K. Existence and uniqueness of the solution for a linear system of optimal coefficients // Uzbek Mathematical Journal. 2023, Vol. 67, Issue 2, pp. 31-38. DOI: 10.29229/uzmj.2023-2-4
20. Х.М.Шадиметов, А.К.Болтаев. Об одной оптимальной интерполяционной формуле// Доклады Академии наук Республики Узбекистан, -Ташкент, 2023, №5, -С. 10-14