



Khayotjon Khudoyberdiev

Date of birth: 12/06/1994


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WORK EXPERIENCE

01/10/2022 – CURRENT – Tashkent, Uzbekistan

A senior teacher of the department "Economy and business management"

EDUCATION AND TRAINING

02/09/2012 – 16/07/2016 – Navoi city, Uzbekistan

Bachelor degree (mathematics teacher)

Navoi state pedagogical institute

Field(s) of study

Physics and mathematics sciences

Information technology sciences

Bachelor degree | Applications of linear bounded operators

02/09/2016 – 16/07/2018 – Samarkand, Uzbekistan

Master degree (mathematics)

Samarkand state university named after Sharof Rashidov

Field(s) of study

Physics and mathematics sciences

Information technology sciences

Master degree | Solving the Cauchy problem for the first order elliptic equation system in three-dimensional special domains.

LANGUAGE SKILLS

MOTHER TONGUE(S): Uzbek

OTHER LANGUAGE(S):

English

Listening
B1

Reading
B1

Spoken
production
B1

Spoken
interaction
B1

Writing
B1

COMMUNICATION AND INTERPERSONAL SKILLS

Good communication skills gained through my experience as

Active listening, Empathy

Excellent written and verbal communication skills

Confident, articulate, and professional speaking abilities (and experience)

DIGITAL SKILLS

My Digital Skills

Microsoft Office

Microsoft Word

Microsoft Excel

Latex

Overleaf

Wolfram mathematica

Maple all version

MathLab

Google

PUBLICATIONS

A) In International Refereed Journals: (IF=Impact Factor Web of Science.)

(IF=1.405)[**Scopus**] F.F. Eshmatov, U.U. Jamilov, Kh.O. Khudoyberdiev. Discrete time dynamics of a SIRD reinfection model. *International Journal of Biomathematics*. 2023. 16(5), 2250104
<https://doi.org/10.1142/S1793524522501042>

(IF=0.32)[**Scopus**] Kh.O. Khudoyberdiev. A quadratic worm propagation Model. *Springer Proceedings in Mathematics and Statistics*. Vol.3, 390, pp 369-376, 2022.
<https://doi.org/10.1007/978-3-031-06170-7>

(IF=0.588)[**Scopus**] U.U. Jamilov, Kh.O. Khudoyberdiev. An $(\alpha; \beta)$ Quadratic stochastic operator acting in S^2 . *Journal of Applied Nonlinear Dynamics*. Vol.11, No.4, pp.777-788, 2022.
<https://DOI:10.5890/JAND.2022.12.001>

(IF=1.53)[**Scopus**] U.U. Jamilov, Kh.O. Khudoyberdiev, M. Ladra. Quadratic operators corresponding to permutations. *Stochastic Analysis and Applications*. Vol.38, No.5, pp.929-938, 2020. <https://doi.org/10.1080/07362994.2020.1747494>

B) In National Refereed Journals:

4. Kh. Khudoyberdiev, On discrete time of a SIRD reinfection model. *The bulletin of young scientists*. 2023, 4(2), pp. 45-51.

3. Kh. Khudoyberdiev, On trajectories of a non-Volterra quadratic operator. *The bulletin of young scientists*. 2022, 2(4), pp. 49-51.

2. Z. Malikov, Kh. Khudoyberdiev, The Cauchy problem for the first order elliptic equation system in a bounded domain. *Scientific Journal of Samarkand State University*. 2018, Volume 107, Issue 1, pp. 5-8.

1. Z. Malikov, Kh. Khudoyberdiev, In unbounded area integral formula for Helmholtz equation. *Scientific Journal of Samarkand State University*. 2017, Volume 103, Issue 3, pp. 26-28.

C) Preprints, Abstracts and Proceedings:

12. Jamilov U.U., Khudoyberdiev Kh.O., On trajectories of a non-Volterra quadratic stochastic operator. Abstracts of the Inter. Actual problems of physics, mathematics and mechanics. Bukhara, Uzbekistan, May 24-25, 2023, pp. 36-40.

11. Jamilov U.U., Khudoyberdiev Kh.O., On dynamics of a non - Volterra quadratic operator. Abstracts of the Repub., II Republican Scientific and Practical Conference of Young Scientists. Tashkent, Uzbekistan, March 28-29, 2023, pp.36-37.

10. Khudoyberdiev Kh.O., Convergence of trajectories a non - Volterra quadratic operator. Abstracts of the Repub., The role of young scientists in the development of science, education and production. Tashkent, Uzbekistan, September30, 2022, pp. 105-107.

9. Jamilov U.U., Khudoyberdiev Kh.O., Convergence of trajectories a non – Volterra quadratic operator. Abstracts of the Repub., Operator algebras, non-associative structures and related problems. Tashkent, Uzbekistan, September 14-15, 2022, pp. 284-286.

8. Jamilov U.U., Khudoyberdiev Kh.O., On dynamics of a non - Volterra quadratic stochastic operator. Abstracts of the Repub., New theorems of young mathematicians-2022. Namangan, Uzbekistan, May 13-14, 2022, pp. 41-42.

7. Khudoyberdiev Kh.O., On trajectories of a non-Volterra quadratic operator. The 41st International Conference on Quantum Probability and related topics. United Arab Emirates, UAE, 28-march, 1-april, 2021, pp. 71.

6. Jamilov U.U., Khudoyberdiev Kh.O., On trajectories of a non-Volterra quadratic stochastic operator on S^3 . Abstracts of the Repub., Actual problems of mathematics and applied mathematics in the period of globalization. Tashkent, Uzbekistan, June 1-2, 2021, pp. 155-157.
5. Jamilov U.U., Khudoyberdiev Kh.O., On the Trajectories of π - non-Volterra Quadratic Operators. Abstracts of the Inter. Modern stochastic models and problems of actuarial mathematics. Karshi, Uzbekistan, September 25, 2020, pp. 24-25.
4. Jamilov U.U., Khudoyberdiev Kh.O., On trajectories of a $(\alpha; \beta)$ -quadratic stochastic operator. Abstracts of the Repub., Modern problems of Stochastic analysis. Tashkent, Uzbekistan, September 21-22, 2020, pp. 57-59.
3. Jamilov U.U., Khudoyberdiev Kh.O., On a discrete-time network worm propagation SIRS model. Abstracts of the Repub., online Conf. Modern problems of mathematics. Nukus, Uzbekistan, May 20, 2020, pp. 54-56.
2. Khudoyberdiev Kh.O., On fixed points of a quasi-strictly non-Volterra operator. Abstracts of the Repub. Actual problems of mathematics, physics and information technologies. Bukhara, Uzbekistan, April 15, 2020, pp. 82-83.
1. Jamilov U.U., Khudoyberdiev Kh.O., On periodic orbits of a non-Volterra quadratic operator. Abstracts of the Inter. Scien. Conf. Modern problems of Differ. Eq. and related branches of Math. Fergana, Uzbekistan, March 12-13, 2020, pp. 149-151.

And there are many other Abstracts and Proceedings.