AZERBAİJAN STATE AGRARİAN UNİVERSİTY

Name: Sevinj

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Faculty: Engineering

Department: Physics and Mathematics

EDUCATION, ACADEMIC DEGREE AND SCIENTIFIC RANKS

In 1999 received a Bachelor's degree from Baku State University, Faculty of Mechanics and Mathematics.

In 2006 received a Master's degree from the Ganja State University, Faculty of Methodology and Methods of Teaching Mathematics.

On September 19, 2017 defended her thesis for the degree of Doctor of Philosophy in Mathematical Sciences on the topic "On the solvability of some boundary value problems for operator-differential equations of the fourth order".

In 2018 became I.O. Associate Professor of the Department of Physics and Mathematics.

WORKING ACTIVITIES

Since 2008, she worked as a senior lecturer at the Department of Physics and Mathematics of the Azerbaijan State Agrarian University;

Worked as Associate Professor of the Department of Physics and Mathematics since 2018;

Since 2000, a member of the New Azerbaijan Party;

Author of 34 scientific papers, including 22 scientific articles and 12 programs.

FIELD OF STUDY

Application of physics and mathematics in the mechanization of agricultural production.

PARTICIPATION IN INTERNATIONAL SEMINARS, SYMPOSIA AND CONFERENCES

1.Mat.İnternational conference dedicated to the 120th anniversary of Stephan Banach, 2012, pp.38-39
2. Materials of the XVII Republican scientific conference of graduate students, young researchers, Baku 2013, pp. 13-15

3. Fields of application of mathematics and ICT. Materials of the International Conference on New Educational Technologies. Part I. Ganja, 2014, pp. 132-134

4. Materials Int. Conferences dedicated 85th anniversary of Professor Yahya Mamedov, 2015, p. 237-239

5. "Functional analysis and its applications" dedicated to the 100th anniversary of Amir Shamiroglu Khabibzadeh, International Conference, Baku, 2016, pp. 111-112

6. ANAS is dedicated to the 55th anniversary of Sumgayit State University. May 25-26, 2017

ARTICLES AND SCIENTIFIC WORKS

1. Bagirova S.M. Mirzoev S.S., On an estimate for the norms of a semigroup of operators acting in spaces of vector functions. Scientific notes of Ganja State University, 2012, No. 3., p. 3-6

2. S.M. Bagirova. Solvability of One Class of Non Local boundary value problems for the equations of the fourth order in Hilbert Spase. Applied Mathematical Sciences, Bulgaria 2013, v.7, №79 pp. 3923-3934
3. Sevinj M. To theory of sobaility of fourth order operarator-differential equations. Transaction of NAS of Azerbaijan, ser. Of phystechh, and weth.sciese, 2014, v. XXXIV, №1, pp 91-98

4. Bagirova SM On a boundary value problem for a fourth order differential equation in a Hilbert space. IV SEARCH, International journal supplement of the Republic of Kazakhstan, 2014, No. 2 (1), p. 120-122
5. Bagirova S.M. On a boundary value problem for operator-differential equations in the semiaxis. AMEA News collection, Ganja-2016, No. 3 (65), p. 116-119
6. Sevinj M. Bagirova and A. Khammamedov. The inverse spectral problem for the perturbed harmonic oscillator on the entire axis// Proceedings of the institute of Mathemtics and Mechanics, National Academy of sciences of Azerbaijan Volume 44, Number 2, 2018. Pages 285-294.

7. SM Bagirova etc. On the asymptotics of the eigenvalues of the modified Mathieu operator. Journal of Baku Engineering University mathematics and computer science. 2019. Volume 3, Number 1.

8. On Zeros of the Modified Bessel function of the second Kind. Russian Text The Author(s), published in Zhurnal Vychislitel noi Matematiki i Matematicheskoi Fiziki, 2020, Vol. 60, No 5, pp.817-820.

9. Zeros of a modified Bessel function of the second kind. Ufa: RICBashSU, Lake Bannoe, Beynəlxalq konfrans March 10-14, 2020, vol. 60, No. 5, pp. 837-840.

10. Method Integrating One System of Nonlinear Differential Equations. Journal of Contemporary Applied Mathematics V.11, No 1, 2021, July.

11. Elastik, slindrik boruda ikifazalı barotrop mayedə dalğalar. Ümumulider Heydər Əliyevin 98-ci ildönümünə həsr olunmuş "Riyaziyyat, Mexanika və Tətbiqləri" mövzusunda respublika virtual elmi konfransı 24-25 may, 2021. Bakı. Azərbaycan

12. The Jost solutions to the Schrodinger equation with an additional ¨ complex potential. Trans. Natl. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci. Mathematics, 42 (1), 3-7 (2022)

13. "ON A BOUNDARY VALUE PROBLEM FOR A FOURTH-ORDER DIFFERENTIAL EQUATION OF THE ELLIPTIC TYPE" https://internauka. org/ 27.01.2023 LXVIII International Scientific and Practical Conference

14. "Application of the boundary value problem in a Hilbert space " Journal of Baku Engineering jurnalının Mathematics and Computer Science 2023-ci il volume 7, number 1

15. "Determination of temperature intensities in concentric circles with the treatment of conformal initiation" Naxçıvan Statecraft University, Elmi Universities 16. Extreme algebra, analytical analysis, and hypocritical analysis. On 16.08.2021, the order No. 426 of the University of Azerbaijan Foreign Exchange has been granted to some publishers. Baku 2021.

16. Extreme algebra, analytical analysis, and hypocritical analysis. On 16.08.2021, the order No. 426 of the University of Azerbaijan Foreign Exchange has been granted to some publishers. Baku 2021.

LANGUAGE SKILLS

Azerbaijan- native
Russian- proficient
Turkish- proficient
English-intermediate