



FACULTY OF PHYSICS AND MATHEMATICS

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EDUCATION:	1988 - 1993 Tashkent State University
CAREER / EMPLOYMENT:	<p>1993-1993 - Teacher of the Department of Mathematics of Urgench State University</p> <p>1994-1996- PhD Student of the Department of Applied Mathematics and Mathematical Physics of Urgench State University</p> <p>1997-1999 - Senior Lecturer of the Department of Applied Mathematics and Mathematical Physics of Urgench State University</p> <p>2000-2002 - Head of the Department of Postgraduate Studies, Urgench State University</p> <p>2003-2005 - Senior Lecturer of the Department of Applied Mathematics and Mathematical Physics of Urgench State University</p> <p>2020- present- Senior Lecturer of the Department of Applied Mathematics and Mathematical Physics of Urgench State University</p>
SPECIALITY	Mathematician. Lecturer. Master of information security.
TEACHING SUBJECTS:	Higher mathematics
RESEARCH AREAS OF INTEREST	Forward and Inverse spectral problems for the differential operators, Nonlinear evolution equations, Cryptography, Information Security.
LIST OF SELECTED PAPERS	<ol style="list-style-type: none"> Sodikov S.S. On the eigenvalues of the Sturm-Liouville operator located on the continuous spectrum. Reports of the Academy of Sciences of the Republic of Uzbekistan. 1998, № 7, p. 9-12. Sodikov S.S. Integration of the nonlinear Schrödinger equation with a self-consistent source. Proceedings of the International Scientific Conference "Partial Differential Equations and Related Problems of Analysis and Informatics". Tashkent, November 16-19, 2004 p. 275-278. Sodikov S.S. Integration of the nonlinear Schrödinger equation with a source of integral type corresponding to multiple eigenvalues. Proceedings of the International Conference

"Contemporary Problems of Mathematical Physics and Information Technologies". Tashkent, April 18-24, 2005 p. 165-168.

4. Urazbaev G.U., Sodikov S.S. On the evolution of scattering data for the Dirac operator with a potential that is a solution to the nonlinear Schrödinger equation with a self-consistent source. Uzbek mathematical journal. 2004, № 4, p. 55-63.

5. Urazbaev G.U., Sodikov S.S., Khasanov A.B. On the nonlinear Schrödinger equation with a self-consistent source. Reports of the Academy of Sciences of the Republic of Uzbekistan. 2004, № 2. p.16-19.

6. Urazbayev G.U., Sodikov S.S., Khasanov A.B. On the nonlinear Schrödinger equation with a self-consistent source corresponding to multiple eigenvalues. Bulletin of Khorezm Mamun Academy. 2006, № 1. p. 6-9.

7. Urazbaev G.U., Sodikov S.S., Khasanov A.B. Integration of the nonlinear Schrödinger equation with a self-consistent source corresponding to multiple eigenvalues. Reports of the Academy of Sciences of the Republic of Uzbekistan. 2006, № 4-5, p. 19-22.

8. Khasanov A.B., Sodikov S.S. On the nonlinear Schrödinger equation with a source of integral type. Abstracts of the International School-Conference "Geometric Analysis and Its Applications". Russia, Volgograd, May 24-30. 2004, p. 197-200.

9. Khasanov A.B., Sodikov S.S. On the nonlinear Schrödinger equation with a self-consistent source corresponding to multiple eigenvalues. Russia, Yeletsk University Bulletin. Series "Mathematics. Computer mathematics ". Issue 8, № 1. p. 95-113.

10. Khasanov A.B., Sodikov S.S. On the nonlinear Schrödinger equation with a source. Proceedings of the International Conference "Contemporary Problems of Mathematical Physics and Information Technologies". Tashkent, April 18-24, 2005, p. 209-211.

11. Khasanov AB, Sodikov SS, Mamedov K. On the evolution of scattering data for the Dirac operator with a potential that is a solution to the modified Korteweg-de Vries equation with an integral-type source. Proceedings of the International Scientific Conference "Partial Differential Equations and Related Problems of Analysis and Informatics". Tashkent, November 16-19, 2004, p. 287-289.

12. Yakhshimuratov A.B., Sodikov S.S. On one method for calculating the trace of an ordinary binomial operator of higher order. Reports of the Academy of Sciences of the Republic of Uzbekistan. 1999, № 10, p. 12-15.