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EDUCATION:	1988 - 1993 Tashkent State Pedagogical Institute
CAREER / EMPLOYMENT:	1993-1996 - Teacher of the Department of Applied Mathematics and Mathematical Physics of Urgench State University 1996-1997 - Experience researcher of the Urgench State University 1997-2001 - PhD Student of the Department of Applied Mathematics and Mathematical Physics of Urgench State University 2001-2006 - Senior Lecturer of the Department of Applied Mathematics and Mathematical Physics of Urgench State University 2006-2015 - Ass. Professor of the Department of Applied Mathematics and Mathematical Physics of Urgench State University 2015-Current - Head of Department of Applied Mathematics and mathematical physics, Urgench State University
SPECIALITY	Mathematics-Informatics and Physics
TEACHING SUBJECTS:	Ordinary differential equations, Partial differential equations, Spectral theory of differential operators
RESEARCH AREAS OF INTEREST	PDE, Forward and Inverse spectral problems for the differential and difference operators, Nonlinear evolution equations.
VISITING RESEARCH FELLOW	04.10.2012-01.08.2013 - Dublin Institute of Technology, Ireland 15.09.2016-15.10.2016 - Comenius University in Bratislava, Slovakia. 04.08.2017-24.08.2017 - Shenyang normal university, China. 12.11.2017-18.11.2017 - University of Porto, Portugal. 25.02.2018-03.03.2018 - Keele University, England. 15.09.2018-23.09.2018 - Santiago de Compostela University, Spain. 23.09.2019-30.09.2019 - University of West Attica, Greece 02.10.2019-31.11.2019 - Bayreuth University, Germany
LIST OF SELECTED	1. Yakhshimuratov A.B., Kriecherbauer T., Babajanov B.A. On the construction and

PAPERS

- integration of a hierarchy for the Kaup system with a self-consistent source in the class of periodic functions. *Journal of Mathematical Physics, Analysis, Geometry*, 2021, Vol. 17, No. 2, pp. 233–257.
2. Yakhshimuratov A.B., **Babajanov B.A.** Integration of equations of Kaup system kind with self-consistent source in class of periodic functions. *Ufa Mathematical Journal*, Volume 12, Issue 1, 2020, Pages 103-113.
 3. **Babajanov B.A.** Integration of the Toda-Type Chain with a special self-consistent source. // *Algebra, complex analysis and pluripotential theory*. Springer. 2018, N 4, P. 1-13. (USA).
 4. **B.A. Babajanov**, M. Feckan, G.Urazbaev, On the periodic Toda lattice hierarchy with an integral source, *Communications in Nonlinear Science and Numerical Simulation*. Volume 52, Issue 3, pages:110-123, 2017.
 5. **B.A. Babajanov**, A.B. Khasanov, Integration of periodic Toda-type equation, *Ufimsky mathematical journal*, Issue 9. №2, 2017, c.17-24.
 6. **B.A. Babajanov**. Integration of periodic Toda-type equation with self-consistent source. *Uzbek Mathematical Journal*. Issue 4, pages: 31-41, 2016.
 7. **B.A. Babajanov**, A.B. Khasanov, Integration of periodic Toda Lattice with integral type source, *Journal of Theoretical and Mathematical Physics*. vol: 184, issue: 2, pages: 1114 - 1128, 2015.
 8. **B.A. Babajanov**. On the method of integration of the Periodic Toda Lattice. *Uzbek Mathematical Journal*. Issue 2, pages: 1-12, 2015.
 9. **B.A. Babajanov**, M. Feckan, G.Urazbaev, On the periodic Toda Lattice with self-consistent source, *Communications in Nonlinear Science and Numerical Simulation*. Volume 20, Issue 3, 2014.
 10. J. Blackledge, **B.A. Babajanov**, Three-dimensional Simulation of the Radiation Field Patterns Generated by an Integrated Antenna, *IAENG Int. J. Appl. Math.* pages: 1 - 15, 2013
 11. J. Blackledge, **B.A. Babajanov**, Wave Function Solutions by Transformation from the Helmholtz to Laplacian Operator, *Mathematica Aeterna*, vol: 3, issue: 3, pages: 179 - 192, 2013
 12. J.Blackledge, **B.A. Babajanov**, On the Dirac Scattering Problem, *Mathematica Aeterna*, Vol. 3, 2013, no. 7, 535 - 544.
 13. J.Blackledge, **B. A. Babajanov**, The Fractional Schrodinger-Klein-Gordon Equation and Intermediate Relativism, *Mathematica Aeterna*, Vol. 3, 2013, no. 8, 601 - 615.
 14. A.B.Khasanov, **B .A. Babadzhanov**, Inverse problem for a quadratic pencil of Shturm-Liouville operators with finite-gap pereodic potential on the half-line, *Differensial equation*, 2007, Vol 43, No. 6. pp 723-730
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