## FACULTY OF PHYSICS AND MATHEMATICS

NAME: Khasanov Muzaffar Masharipovich

POSITION: Lecturer, Phd, docent

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| EDUCATION AND TRAINING | • 2000 – 2004 Karakalpak State University (bachelor)<br>• Karakalpak State University (master) in 2004-2006 |
|---|---|
| JOB APPLIED FOR | 2006-2007 - Teacher of the Department of Algebra and differential equations of Karakalpak State University<br><br>2007-2008 - Experience researcher of the Karakalpak State University<br><br>2008-2011 - postgraduate of Urgench State University<br><br>2011-2016 - Teacher of the Department of Applied Mathematics and Mathematical Physics of Urgench State University<br><br>2016-2018–doctoral student of Urgench State University<br><br>2019-2020 - Senior Lecturer of the Department of Applied Mathematics and Mathematical Physics of Urgench State University<br><br>2021 - Docent of the Department of Applied Mathematics and Mathematical Physics of Urgench State University |
| SPECIALITY | • Differential equations |
| MAIN ACTIVITIES AND RESPONSIBILITIES | Ordinary differential equations, Partial differential equations |
| RESEARCH AREA OF INTEREST: | • Integrating nonlinear evolutionary equations by the inverse scattering method |
| PUBLICATIONS | **1**. Хасанов М.М. Модифицированное уравнение Кортевега-де Фриза с самосогласованным источником в классе периодических функций. // Узб. мат. журнал, 2012, №3, с. 150-158.<br>**2**.Yakhshimuratov A. B. and KhasanovM. M. Integration of the Modified Korteweg–de Vries Equation with a Self-Consistent Source in the Class of Periodic Functions // ISSN 0012-2661, Differential Equations, 2014, Vol. 50, No. 4, pp. 533–540 (№3, Scopus CiteScore 0,58).<br>**3**.Хасанов М.М. Интегрирование модифицированного уравнения Кортевега-де Фриза с нагруженным членом в классе периодических функций. // Узб. мат. журнал, 2016, №4, с. 139-147.<br>**4**.Хасанов М.М., Балтаева И.И., Омонов Ш. Интегрирование нагруженного модифицированного уравнения Кортевега-де Фриза с самосогласованным источником.// Илм сарчашмалари. – Ургенч, 2018. – № 7. – С. 3-9.<br>**5**. Hasanov A. B. and Hasanov M. M. Integration of the Nonlinear Shrodinger Equation with an Additional Term in the Class of Periodic Functions// |

Theoretical and Mathematical Physics, v. 199, No. 1, 525–532 (2019)(№3, Scopus CiteScore 0,81).

**6**. Яхшимуратов А.Б .,Хасанов М.М., Янгибаева Р.Об одном аналоге обратной теоремы борга для системы уравнений дирака.// Илм сарчашмалари. – Ургенч, 2019. – № 1. – С. 11-16.