Bauyrzhan Gulnur Bauyrzhankyzy

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Work: 709 500 (33-406)

Academic degree and title, scientific school: Master of Physics, specialty 6M060400 – Physics, teacher of the Department of General and Theoretical Physics	

Scientific interests:
Theoretical and mathematical physics, theory of solitons

Courses taught:
Physics, physics workshop, mechanics, optics, electricity and magnetism.

Professional experience:

1. September 2021 –present: Lecturer, Department of General and Theoretical Physics, L.N. Gumilyov ENU

2. September 2018 – August 2021: PhD student of the Department of General and Theoretical Physics at L.N. Gumilev ENU

3. September 2013 – August 2015 Master of the Department of General and Theoretical Physics at L.N. Gumilev ENU

Publications:

Author of more than 15 scientific articles. The most important in the areas presented:

1. Euler–Lagrange equation for $F(R,T)$ gravity model with k – essence Science and Education – 2015:Collection of materials of the X International Scientific Conference of Students and Young Scientists, 2015.- pp.191-193
2. Thermal conductivity of materials with high mechanical strength based on nanotubes. Proceedings of the 7th International Conference Chaos and Structure in Nonlinear Systems, theory experiments. Karaganda 2010 p .287-290. Myrzakulov. R. Yerzhanov K.K. Baitemirova Zh.A.
3. Investigation of a soliton surface by the methods of the Gauss equation. Eurasian International center for theoretical physics. Proceedings of the IV International Conference «Astrophysics, gravity and cosmology». Nur – Sultan,2019.c.32-36. Esmakhanova K. R
4. Soliton surface for complex modified Korteweg – de Vries eqation8[th] International Conference on Mathematical Modeling in Physical Science. Journal of Physics: Conference Series1391(2019) 012108 Yesmakhanova K. R Yerzhanov K.K. Ybyrayymova S.
5. Soliton geometry using the Lax pair of isomonodromic deformation. Izvestiya NAS RK. Series Physico – mathematical 3(337). Almaty, 2021.p.20-25 Esmakhanova K. R Yerzhanov K.K.
6. 6. Inflation from the Symmetry of the Generalized Cosmological Model. // Symmetry. Vol. 13. (12). N. 2254. 2021. Yerzhanov K., Altaybaeva A., Myrzakulov R

Awards