CURRICULUM VITAE

MUSSABAYEVA GULIYA KABIDULAEVNA

Senior Lecturer of fundamental mathematics department of the mechanics and mathematics faculty, L.N. Gumilyov Eurasian National University.

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Education:

2000-2005 University studies; L.N. Gumilyov Eurasian National University.
2010-2012 Master student; L.N. Gumilyov Eurasian National University (Kazkhstan).
2012-2015 Ph.D student; L.N. Gumilyov Eurasian National University (Kazkhstan).

Advisor: professor Tleukhanova N.T.

Academic career:

2006 -2010 worked as a teacher at the higher mathematics department S.Seyfullin KazATU.

2015-2018 worked as a teacher at Buketov KSU.

Since 2018 to present time Senior Lecturer of fundamental mathematics department of the mechanics and mathematics faculty, L.N. Gumilyov Eurasian National University.

Scientific degree:
Doctor PhD, specialty: "6D060100-Mathematics"

Scientific interests:
The theory of function, the theory of functional spaces.

Scientific – research activities:
Take part in the following scientific projects which financed by Ministry of Education and Science of the RK:
2012 - 2014 - Researcher in the scientific project Geometric problems of Fourier multipliers and problems of recovery of multiplicative transformations", ENU named after L.N. Gumilyeva
2015–2017 - Researcher in the scientific project "Fourier Transforms, Fourier Multipliers and Their Applications", ENU named after L.N. Gumilyeva
2018 – 2020 - Senior Researcher in the research project "Optimal Methods for Compressing and Restoring Black and White 2D and 3D Images" Institute of Information and Computing Technologies, Almaty.

She has about 15 scientific article which main results are published in scientific journals, in materials of the international scientific conferences.

Publications (selected):

1. О тригонометрических коэффициентах Фурье функции из пространства Лоренца $L_{2,r}$ Математические заметки. − 2013, 94:6, 884–888 стр.

2. On the Hardy and Littlewood inequality in Lorentz spaces $L_{\{2,r\}}$// PrePrint, 1161, CRM, Barcelona. - 2013.- 157. - P. 1-14.

3. Bochkarev inequality for the Fourier transform of functions in the Lorentz spaces $L_{\{2, r\}}(R)$// Eurasian mathematical journal, 2015. -Vol.6, №1.-P.76-84.

4. Неравенство типа Бочкарева// Вестник КазНУ. Серия механико- математическая. - Алматы: КазНУ им.Аль-Фараби, 2014. - N3 (82). - С.12-18

5. Суммируемость коэффициентов Фурье из анизотропного пространства Лоренца .// Математический журнал. - Алматы, 2014. Т.14, N4 (54). С.84-96.

6. The Bochkarev type inequality.// The 7th International Conference "Inverse Problems: Modeling and Simulation" \\ (IPMS-2014) Fethiye, Turkey.- May 26-31.- 2014.

7. Hardy-Littlewood theorem for anisotropic Lorentz spaces\\Actual problems of analysis, differential equations and algebra (EMJ-2019).-P.51