

	<p><b>Academic degree and title, scientific school:</b> Candidate of Physical and Mathematical Sciences, Specialty: 01.01.02 - differential equations and mathematical physics</p> <p><b>Scientific interests:</b> Boundary value problems with free boundaries for hydrodynamic equations, theory of integral equations, theory of differential equations and their applications</p>
<p><b>KOSHKAROVA BAKHYTTY SALIMOVNA</b> Acting Associate Professor of the Department of Fundamental Mathematics, Faculty of Mechanics and Mathematics, L.N. Gumilyov ENU</p> <p><b>Contact details:</b> e-mail: <a href="mailto:koshkarova_bs@enu.kz">koshkarova_bs@enu.kz</a> <a href="mailto:b-koshkarova@yandex.kz">b-koshkarova@yandex.kz</a> tel.: +7 7023114995</p> <p><b>Professional experience</b> - 09.01.2010 to the present L.N. Gumilyov ENU: 2017-2018 Acting Associate Professor of the Department, 2014-2017 - Head. Department of Fundamental Mathematics, 2019-2020, 2013-2014 - Deputy Dean for Scientific Work of the MMF, 2010-2013 - Acting Associate Professor of the Department of Fundamental and Applied Mathematics. - 03.01.2000 to 27.08.2010 E.A. Buketov KarSU: 2005-2010 Head of the Department of Mathematical Analysis and Differential Equations, 2002-2005 Senior Lecturer, 2000-2002 teacher</p>	<p><b>Scientific grants:</b> - AP08856104 "Differential operators with singular coefficients. Approximate characteristics. Spectrum. Inverse problems" for 2020- 2022. -AP05133397 "Qualitative and quantitative characteristics of singular differential operators. Multipliers in the theory of differential operators" for 2018-2020. - "Weighted inequalities in spaces of functions and their applications in the qualitative and quantitative theory of differential operators and equations" for 2015-2017.</p> <p><b>Courses taught:</b> Differential equations (B), Equations of mathematical physics (B), Integral equations (B)</p> <p><b>Author's courses:</b> Mathematical modeling of hydrodynamic equations (M)</p>
<p><b>Awards and certificates:</b> 1. Certificate of honor for contribution to the development of university science No. 01-2310,03.06.2020 2. Certificate of honor for significant contribution to the development of the higher education system, upbringing of the younger generation, dedicated to the 25th anniversary of the Independence of the Republic of Kazakhstan No. 01-62 / 79, 14.12.2016.</p>	<p><b>Publications (for 5 years, starting from the last 2022)</b></p> <ol style="list-style-type: none"> <li>1. Kussainova L.K., Koshkarova B.S. On widths of sets generated by one sectorial operator // The scientific heritage. – 2022. – No. 97. – P. 64-66.</li> <li>2. Igl'kov A., Koshkarova B.S. Boundary value problems with a free boundary: Systems of equations of motion of an incompressible ideal fluid. Vortex rings: monograph. – LAP LAMBERT Academic Publishing, 2022. – 270 p. (in Russian)</li> <li>3. Koshkarova B.S., Akhmetkalieva R.D. Boundary value problems for differential equations: teaching aid. - Almaty: Evero, 2022. - 104 p. (in Kazakh)</li> <li>4. Koshkarova B.S., Murat G., Kussainova L.K. About one sectorial form in <math>L_2</math> // The scientific heritage. - 2021. - Vol. 2, No. 72. – P. 58-61. (in Russian)</li> <li>5. Koshkarova B.S., Kassym A S. On a Schrodinger-type operator in a weighted space // The scientific heritage. - 2020. - No. 52. - P. 19-22. (in Russian)</li> <li>6. Kussainova L.K., Koshkarova B.S. Oscillatory and Nonoscillatory Conditions for a Second-Order Half-Linear Differential Equation // Journal of Mathematical Sciences. September 2019. Vol. 241, Issue 3.-P. 285-289. (IF 0.48)</li> </ol>