



**FACULTY OF PHYSICS AND MATHEMATICS**

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<b>EDUCATION:</b>	<ul style="list-style-type: none"> <li>•2012 - 2016 Urgench State University (bachelor)</li> <li>• Urgench State University (master) in 2017-2019</li> </ul>
<b>CAREER / EMPLOYMENT:</b>	<ul style="list-style-type: none"> <li>• 2019 - So far, a teacher at the Department of Applied mathematics and mathematical Physics, Urgench State University</li> </ul>
<b>SPECIALITY</b>	<ul style="list-style-type: none"> <li>• Differential equation and mathematic physics</li> </ul>
<b>TEACHING SUBJECTS:</b>	<ul style="list-style-type: none"> <li>• Differential equation, Higher mathematics, Methods of teaching mathematics</li> </ul>
<b>RESEARCH AREAS OF INTEREST:</b>	<ul style="list-style-type: none"> <li>• Inverse problems for the quadratic pencil of Sturm-Liouville operators</li> </ul>
<b>PRESENT PROJECTS:</b>	<ol style="list-style-type: none"> <li>1. B. A. Babajanov, H. E. Yakubov, A. B. Babajonov . Ambarzumyan type theorem for a quadratic pencil of sturm–liouville operators. IIm Sarchashmalari 2019 yil, 1-son, 6-11 betlar</li> <li>2. Khasanov A.B., Babajanov B.A., Yakubov H.E . Integration of the toda lattice herarchy witch self consistent source."/Matematical analysis and its application to mathematical physics"/Samarqkand, September 17-20, 13-bet</li> <li>3. Bazar Babajanov, Fakhridin Abdikarimov, Hamdam Yakubov. 2020. AMBARZUMYAN TYPE THEOREM FOR A QUADRATIC PENCIL OF STURM–LIOUVILLE OPERATORS WITH AN EIGENPARAMETER IN THE BOUNDARY CONDITIONS. Journal of Critical Reviews, 7 (13), 476-479. doi:10.31838/jcr.07.13.84</li> </ol>
<b>LIST OF SELECTED PAPERS</b>	<ol style="list-style-type: none"> <li>1. Babajanov B. A., Babajanov A.B., Matkarimov M.R., Yakubov H.E. AMBARZUMYAN TYPE THEOREM FOR A QUADRATIC PENCIL OF STURM–LIOUVILLE OPERATORS WITH EIGENPARAMETER IN THE BOUNDARY CONDITIONS. International Conference“Scientific research of the SCO countries: synergy and integration”. Beijing, China 2021.169-171-page</li> </ol>