

## Полугодовой отчёт журнала Труды Института Математики и Механики за 2024 год

За отчетный период вышел 1-й номер 50-го тома журнала Труды Института Математики и Механики. В первом номере опубликовано 12 статей авторов из Азербайджана, Турции, России, Алжир, Польши и Франции.

### В 1-й номер 50-го тома вошли следующие статьи:

<a href="#">On the completeness of eigen and associated vectors of a class of third order quasi-elliptic operator pencils</a>	3 – 20
by Sabir S. Mirzoyev and Aydan T. Gazilova	
<a href="#">Control of loaded points of a parabolic equation</a>	21 – 38
by Vagif M. Abdullayev and Vugar A. Hashimov	
<a href="#">A study of one approach to solution of the first-order non-linear impulsive differential equations with multipoint boundary conditions</a>	39 – 52
by Misir J. Mardanov and Yagub A. Sharifov	
<a href="#">Balayage theorems for connectedness problems in uniformly convex spaces</a>	53 – 61
by A. R. Alimov	
<a href="#">Solving a class of quasilinear first order PDE</a>	62 – 77
by Samiha Djemai and Salim Mesbahi	
<a href="#">The Cauchy problem for the modified Korteweg-de Vries-Liouville (mKdV-L) equation with an additional term in the class of periodic infinite-gap functions</a>	78 – 95
by Aknazar Khasanov, Ulughbek Khudayorov and Temur Khasanov	
<a href="#">One example of singular representations of real numbers from the unit interval</a>	96 – 103
by Symon Serbenyuk	
<a href="#">Nodal solutions of some nonlinear fourth-order boundary value problems</a>	104 – 114
by Yagut N. Aliyeva	
<a href="#">The representation problem for a diffusion equation and fractal R-L ladder networks</a>	115 – 125
by Jacky Cresson and Anna Szafranska	
<a href="#">Determination of a spacewise dependent heat source in biharmonic heat equation from final temperature measurements</a>	126 – 132
by Mansur I. Ismailov	
<a href="#">Discrete dynamics on locally conformal framework</a>	133 – 151
by Ogul Esen, Ayten Gezici and Hasan Gumral	
<a href="#">On the error of approximation by RBF neural networks with two hidden nodes</a>	152 – 161
by Aida Kh. Asgarova and Ibrahim K. Maharov	

