

## Azerbaijan Journal of Mathematics

Hesabat dövrü ərzində “Azerbaijan Journal of Mathematics” jurnalının iki nömrəsi və bir xüsusi buraxılışı çap olunmuşdur. Ümumilikdə 26 məqalə çap olunmuşdur. Onlardan 8-i yerli müəlliflərin, digərləri isə Qazaxıstan, Slovakiya, Əlcəzair, Özbəkistan, Rusiya, İordaniya, Türkiyə, İran, Polşa, Hindistan kimi dünyanın müxtəlif ölkələrinin görkəmli alimlərinin məqalələridir.

Jurnalın 12-ci cildinin 1-ci nömrəsində çap edilmiş məqalələr bunlardır:

<b>B. Daraby, F. Delzendeh, A. Rahimi</b> <i>Some Properties of Fuzzy Frame Operator</i> .....	3
<b>D. Brod, A. Szynal-Liana</b> <i>On a New Generalization of Jacobsthal Hybrid Numbers</i> .....	20
<b>A.Kh. Zhumagazyev, Zh.A. Sartabanov, Ya.T. Sultanaev</b> <i>On a New Method for Investigation of Multiperiodic Solutions of Quasilinear Strictly Hyperbolic System</i> .....	32
<b>S.N. Sidorov</b> <i>Three-dimensional Initial-boundary Value Problem for a Parabolic-hyperbolic Equation With a Degenerate Parabolic Part</i> .....	49
<b>H.I. Aslanov, R.F. Hatamova</b> <i>On the Existence and Uniqueness of Generalized Solutions of Second Order Partial Operator-Differential Equations</i> .....	68
<b>M. Stas</b> <i>On the Crossing Numbers of Join Products of Four Graphs of Order Six With the Discrete Graph</i> .....	80
<b>H. Şengül Kandemir, M. Et, H. Çakallı</b> <i>Lacunary <math>d</math>-Statistical Boundedness of Order <math>\alpha</math> in Metric Spaces</i> .....	98
<b>A. Mehenni, L. Zedam, B. Benseba</b> <i><math>f</math>-Aggregation Operators on a Bounded Lattice</i> .....	109
<b>M.W. Alomari</b> <i>Improvements of Some Numerical Radius Inequalities</i> .....	129
<b>D.A. Juraev, Y.S. Gasimov</b> <i>On the Regularization Cauchy Problem for Matrix Factorizations of the Helmholtz Equation in a Multidimensional Bounded Domain</i> .....	142
<b>M.M. Rezaee, S. Sedghi, V. Parvaneh</b> <i>JS-Prešic Contractive Mappings in Extended Modular <math>S</math>-metric Spaces and Extended Fuzzy <math>S</math>-metric Spaces With an Application</i> .....	162
<b>A.E. Guliyeva</b> <i>Isomorphism of Two Bases of Exponentials in Weighted Lebesgue Spaces</i> .....	183
<b>M.I. Ismailov, S.I. Jafarova</b> <i>Applying the Fourier Method to Solve One Class of Third Order Differential Equations in Banach Spaces</i> .....	195
<b>Agil Kh. Khanmamedov, A.F. Mamedova</b> <i>One Remark on the Transformation Operator for</i>	

<i>Perturbed Hill Operators</i> .....	211
---------------------------------------	-----

Jurnalın 12-ci cildinin 2-ci nömrəsində çap edilmiş məqalələr bunlardır:

<b>A.M. Abbasov, E. Streltsova, A. Borodin, I. Yakovenko, A. Bogomyagkov</b> <i>Mathematical Modeling of Fiscal Innovations Based on the Interdisciplinary Synthesis of Fuzzy Logic and Automata Theory</i> .....	3
<b>A. Testici, D.M. Israfilov</b> <i>Matrix Transforms in Weighted Variable Exponent Lebesgue Spaces</i> .....	30
<b>H. Tunc, M. Sari, S.H. Mussa</b> <i>A Pade–Legendre Reconstruction Approach in Capturing Shock Behavior</i> .....	45
<b>S. Aldashev, A. Tanirbergen</b> <i>Well-Posedness of the Mixed Problem for the Degenerate Multi-Dimensional Elliptic Equations</i> .....	61
<b>H.K. Nigam, M. Mursaleen, Saroj Yadav</b> <i>Degree of Convergence of Functions of Multiple Fourier Series in Sobolev Spaces</i> .....	72
<b>F.I. Mamedov, V.A. Mamedova</b> <i>On Sobolev-Poincare-Friedrichs Type Weight Inequalities</i> ....	92
<b>A. Rahimi, S. Basati, B. Daraby</b> <i>Woven Frames and Their Multiplier in Hilbert Spaces</i> .....	109
<b>S. Deepa, A. Ganesh, V. Ibrahimov, S.S. Santra, V. Govindan, K.M. Khedher, S. Noeiaghdam</b> <i>Fractional Fourier Transform to Stability Analysis of Fractional Differential Equations with Prabhakar Derivatives</i> .....	131
<b>T.K. Yuldashev</b> <i>On a Boundary Value Problem For a Fifth Order Partial Integro-Differential Equation</i> .....	154
<b>V.F. Salmanov, S.A. Nurieva</b> <i>On the Basicity of Linear Phase Systems of Sines and Cosines in Sobolev-Morrey Spaces</i> .....	173
<b>N. Şimşek, B. Alizade</b> <i>The Concept of Oscillation in Uniform Spaces</i> .....	184
<b>B.T. Bilalov, T.M. Ahmadov, Y. Zeren, S.R. Sadigova</b> <i>Solution in the Small and Interior Schauder-type Estimate for the m-th Order Elliptic Operator in Morrey-Sobolev Spaces</i> .....	190