

Authors	Article Title	Source Title	Publication Year	Volume	Issue	Start Page	End Page
Aktuglu, H; Kara, M; Baytunc, E	$\psi$ -Bernstein-Kantorovich operators	MATHEMATICAL METHODS IN THE APPLIED SCIENCES	2025	48	1	1124	1141
Elidemir, IO; Özarlan, MA	Hilfer derivatives based on the multivariate Mittag-Leffler functions and applications	INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS	2025	102	12	1951	1972
Aktuglu, H; Kara, M; Baytunç, E	Approximation by $\psi$ -Baskakov-Kantorovich Operators	MATHEMATICAL METHODS IN THE APPLIED SCIENCES	2025	48	14	13552	13562
Yasin, W; Fernandez, A	Fractional powers of Clifford d-bar and radial derivatives	JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS	2025	542	2		
Özarlan, MA	On the approximation to fractional calculus operators with multivariate Mittag-Leffler function in the kernel	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS	2025	454			
Aktuglu, H; Kara, M; Baytunc, E	Modified Szasz-Kantorovich operators with better approximation	FILOMAT	2025	39	11	3833	3850
Aktuglu, H; Kara, M; Baytunç, E; Fidan, S	$(\lambda, \psi)$ -Bernstein-Kantorovich operators	DEMONSTRATIO MATHEMATICA	2025	58	1		
Özarlan, MA; Malyali, D	Difference equations for a class of twice-iterated Hahn-Appell sequences of polynomials	FILOMAT	2025	39	25	8689	8708
Asadzade, JA; Mahmudov, NI	Kalman type rank condition for relative controllability of second order delayed linear difference equations	JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS	2025	31	11	1439	1456
Nagy, B	A Myhill-Nerode Type Characterization of 2detLIN Languages	ELECTRONIC PROCEEDINGS IN THEORETICAL COMPUTER SCIENCE	2025		422	73	88
Fernandez, A	Fractional Integrals as Contraction Mappings	IFAC PAPERSONLINE	2025	59	37	63	68
Kablan, F; Nagy, B; Vizvári, B	Digital distance in the kishrhombille grid with the edge neighborhood	ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES	2025	81		449	459
Özat, Z; Çekim, B; Özarlan, MA	Laguerre-type general-Appell polynomials	INTEGRAL TRANSFORMS AND SPECIAL FUNCTIONS	2025	36	7	571	589
Fernandez, A	Extending Sonine kernels to arbitrary dimensions	BANACH JOURNAL OF MATHEMATICAL ANALYSIS	2025	19	2		

Aydin, M; Mahmudov, NI	DELAYED FRACTIONAL DISCRETE SINE AND COSINE MATRIX FUNCTIONS AND THEIR APPLICATIONS TO LINEAR FRACTIONAL DELAYED DIFFERENCE OSCILLATING SYSTEMS	ROCKY MOUNTAIN JOURNAL OF MATHEMATICS	2025	55	5	1195	1211
Nagy, B; Yasin, W	On some Classes of Reversible 2-head Automata	ELECTRONIC PROCEEDINGS IN THEORETICAL COMPUTER SCIENCE	2025		422	89	103
Özarslan, MA; Kürt, C	Fractional calculus containing certain bivariate Mittag-Leffler kernel with respect to function	DEMONSTRATIO MATHEMATICA	2025	58	1		
Özarslan, MA; Çekim, B; Çit, S	Approximation with Chlodowsky-Sheffer Operators on Unbounded Intervals	MEDITERRANEAN JOURNAL OF MATHEMATICS	2025	22	8		
Fernandez, A	SOLVING COUPLED PAIRS OF FRACTIONAL DIFFERENTIAL EQUATIONS BY MIKUSINSKI'S OPERATIONAL CALCULUS	EVOLUTION EQUATIONS AND CONTROL THEORY	2025	14	6	1517	1533
Nagy, B	Fractal Automata: Recursion in Context-Free and in Deterministic and Linear Context-Free Languages	INTERNATIONAL JOURNAL OF FOUNDATIONS OF COMPUTER SCIENCE	2025	36	7	1117	1148
Isah, SS; Fernandez, A; Özarslan, MA	Bivariate substitutions from analytic kernels to fractional differintegral operators	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION	2025	146			
Asadzade, JA; Mahmudov, NI	Singular Mean-Field Backward Stochastic Volterra Integral Equations in Infinite Dimensional Spaces	MATHEMATICAL METHODS IN THE APPLIED SCIENCES	2025	48	13	13012	13027
Aydin, M; Mahmudov, NI	Discrete Delayed Perturbation of Mittag-Leffler Function and Its Application to Linear Fractional Delayed Difference System	AZERBAIJAN JOURNAL OF MATHEMATICS	2025	15	2	3	22
Hepsisler, NB; Çekim, B; Özarslan, MA	Generalization of Sheffer- $\lambda$ polynomials	DEMONSTRATIO MATHEMATICA	2025	58	1		
Al-Musalhi, F; Fernandez, A	Fractional differential equations involving Erdélyi-Kober derivatives with variable coefficients	FRACTIONAL CALCULUS AND APPLIED ANALYSIS	2025	28	3	1252	1281
Hepsisler, NB; Çekim, B; Özarslan, MA	A new generalization of Laguerre-based Appell polynomials with two parameters	FILOMAT	2025	39	26	9347	9362
Nagy, B; Saadat, M	Digital distances on the 4-fold pentille tessellation	SCIENTIFIC REPORTS	2025	15	1		
Almatarneh, M; Zorlu, S; Mahmudov, NI	Existence of Solutions to Fractional Differential Equations with Mixed Caputo-Riemann Derivative	FRACTAL AND FRACTIONAL	2025	9	6		

Asadzade, JA; Mahmudov, NI	Solvability and Optimal Controls of Impulsive Stochastic Systems in Hilbert Spaces	OPTIMAL CONTROL APPLICATIONS & METHODS	2025	46	5	1945	1959
Bashirov, AE; Ahmadova, A	Controllability of stochastic semilinear systems	JOURNAL OF INEQUALITIES AND APPLICATIONS	2025	2025	1		
Mahmudov, NI; Kara, M	Generalization of Szász-Mirakjan operators and their approximation properties	JOURNAL OF ANALYSIS	2025	33	4	1687	1710
Özat, Z; Özarlan, MA; Çekim, B	Some properties of Appell type degenerate Bell polynomials	HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS	2025	54	4	1371	1394
Saleh, IA; Fernandez, A	On The Possibility of Mikusinski's Operational Calculus For The Fractional Laplacian	JORDAN JOURNAL OF MATHEMATICS AND STATISTICS	2025	18	1	127	138
Cai, QB; Güngör, SY; Çekim, B; Özarlan, MA	Approximation by modified Durrmeyer type Jakimovski-Leviatan operators	APPLIED MATHEMATICS-A JOURNAL OF CHINESE UNIVERSITIES SERIES B	2025	40	3	709	724
Kovács, G; Nagy, B; Vizvári, B	Minimal Path-Generated Distances on the Trihexagonal Grid Having Four Neighborhoods	TRANSACTIONS IN GIS	2025	29	2		
Abdallah, B; Nagy, B	On Concatenations of Regular Circular Word Languages	MATHEMATICS	2025	13	5		
Aydin, M; Mahmudov, N	On the discrete delayed perturbation of Mittag-Leffler functions and their application to Caputo-type fractional difference equations	JOURNAL OF ANALYSIS	2025	33	5	2521	2545
Aydin, M; Mahmudov, NI	Relative controllability of Langevin delayed fractional system with multiple delays in control	APPLIED MATHEMATICS-A JOURNAL OF CHINESE UNIVERSITIES SERIES B	2025	40	4	937	954
Lekesiz, EG; Çekim, B; Özarlan, MA	Finite bivariate biorthogonal N - Konhauser polynomials	JOURNAL OF DIFFERENCE EQUATIONS AND APPLICATIONS	2025	31	9	1237	1262
Dutt, M; Biswas, A; Nagy, B	Number of Minimal Paths in a Honeycomb Grid	ACTA POLYTECHNICA HUNGARICA	2025	22	9	281	302
Aydin, M; Mahmudov, NI	Representation of solutions to tempered delayed y-fractional systems with noncommutative coefficients	CHAOS SOLITONS & FRACTALS	2025	196			
Aydin, M; Mahmudov, NI	Relative Controllability of Fractional Dynamical Systems With a Delay in State and Multiple Delays in Control	MATHEMATICAL METHODS IN THE APPLIED SCIENCES	2025	48	6	6779	6787
Basbous, R; Nagy, B; Tajti, T	Pruning Techniques in Łukasiewicz Logics	ACTA POLYTECHNICA HUNGARICA	2025	22	3	101	120

Aydin, M; Mahmudov, NI	QUALITATIVE ANALYSIS OF THE PRABHAKAR-CAPUTO TYPE FRACTIONAL DELAYED EQUATIONS	TWMS JOURNAL OF PURE AND APPLIED MATHEMATICS	2025	16	1	115	136
Özat, Z; Çekim, B; Özarıslan, MA; Costabile, FA	Truncated-Exponential-Based General-Appell Polynomials	MATHEMATICS	2025	13	8		
Mahmudov, NI; Awadalla, M; Arab, M	Explicit Form of Solutions of Second-Order Delayed Difference Equations: Application to Iterative Learning Control	MATHEMATICS	2025	13	6		