

SRM Institute of Science and Technology
Department of Mathematics (Year: 2022-23)

Faculty Name	Journal Name	Title of the paper	Volume/ Issue/ Page number	Year	IF	SNIP	DOI	Quartile Status
M Vijayakumar, S K Thamilvanan	Journal Of Mathematics And Computer Science	Oscillation of 3rd order advanced difference equations with a negative middle term	28, 316-325	July 2022	-	-	http://dx.doi.org/10.22436/jmcs.028.04.01	Nil
Sumita Jana, Sahadeb Kuila	Chaos, Solitons & Fractals	Exact solution of the flux perturbed Riemann problem for Cargo-LeRoux model in a van der Waals gas	Volume 161, 112369	July 2022	9.922	2.289	https://doi.org/10.1016/j.chaos.2022.112369	Q1
.N. Mathavan, G.Ramesh	ARPN Journal of Engineering and Applied Sciences	Bi-Objective Assignment Problem With A Minor Minimum Method And Generalized Interval Arithmetic	VOL. 17, NO. 5, pp. 559-564	July 2022	-	0.374	http://www.arpnjournals.com/jeas/volume_05_2022.htm	Q3
Arul Joseph Gnanaprakasam	Proceedings of the Jangjeon Mathematical Society	Solution of non-linear Fredholm integral equation via generalized complex metric space	25 (2022), No. 3, pp. 307 - 317	July 2022	-	0.643	http://dx.doi.org/10.17777/pjms2022.25.3.307	Q3
Gunasundari Chandrasekar , Arul Joseph Gnanaprakasam	Proceedings of the Jangjeon Mathematical Society	Positive periodic solutions for a stage structured predator prey model	25, No. 3, pp. 297 - 305	July 2022	-	0.643	DOI:10.17777/pjms2022.25.3.297	Q3
G.Suganya, R.Senthamarai	Journal of Applied Nonlinear Dynamics	Approximate Analytical Expression of Diffusive Lotka-Volterra Prey-Predator Equations via Variational Iteration Method	11(3) (2022) 741--753	July 2022	-	0.444	DOI:10.5890/JAND.2022.09.013	Q4
Dr.Narsu Sivakumar	Mathematics	Dynamics of Triple Diffusive Free Convective MHD Fluid Flow: Lie Group Transformation	10(14), 2456	July 2022	2.592	1.162	https://doi.org/10.3390/math10142456	Q1
E. Ragulkumar, P. Sambath- SRMIST	European Physical Journal Plus	Free convection nanofluid flow past a vertical isothermal cone surface in the presence of viscous dissipation and MHD with heat flux	137(894)	Aug 2022	3.758	1.098	https://doi.org/10.1140/epjp/s13360-022-03115-6	Q2
D. Prakash, S. Kumar, M. Muthamilselvan & Qasem M. Al Mdallal	Numerical Heat Transfer, Part A : Applications	Heat transfer enhancement in a nanofluid saturated porous medium with cross diffusion and non-equilibrium: A regression approach	vol. 43, no. 5, pp. 6783-6792	Aug 2022	2.569	0.998	https://doi.org/10.1080/10407782.2022.2104588	Q1
R.Sanjana, G.Ramesh	Journal of Intelligent & Fuzzy Systems	A novel approach to interval-valued variables using new interval arithmetic to solve an intuitionistic fuzzy transportation problem		Aug 2022	1.737	0.698	DOI: 10.3233/JIFS-220946	Q2
V.Muthukumar	Acta Geophysica	Traffic flow prediction in inland waterways of Assam region using uncertain spatiotemporal correlative features	70, 2979–2990	Aug 2022	2.3	0.946	https://doi.org/10.1007/s1600-022-00875-8	Q2
S. K. B. Sangeetha, V. Muthukumar, K. Deeba, Hariharan Rajadurai, V. Maheshwari, and Gemmachis Teshite Dalu	Acta Geophysica	Multiconvolutional Transfer Learning for 3D Brain Tumor Magnetic Resonance Images	2022, ID. 8722476	Aug 2022	3.12	1.6	https://doi.org/10.1155/2022/8722476	Q2
Kuresi Bhagya Lakshmi, Vangala Sugunamma, Nainaru Tarakaramu, Narsu Sivakumar, Ramalingam Sivajothi	Heat Transfer	Cross-dispersion effect on magnetohydrodynamic dissipative Casson fluid flow via curved sheet	97(9)	Aug 2022	-	0.995	https://doi.org/10.1002/htj.22668	Q2
Jisha CR, Ritesh Kumar Dubey	Physica Scripta	The exact solutions for Kudryashov and Sinelshchikov equation with variable coefficients	97, 095212	Aug 2022	3.081		DOI 10.1088/1402-4896/ac89ba	Q2
T.Loganathan, K.Ganesan	Engineering Letters	Solution of Fully Fuzzy Multi-objective Linear Fractional Programming Problems - A Gauss Elimination Approach	30:3, EL_30_3_19	Aug 2022	-	0.653	Nil	Q3
Haripriya Sahoo, Mohamin B. M. Khan, Harekrushna Behera	Ships and Offshore Structures	Hybrid boundary element and eigenfunction expansion method for wave trapping by a floating porous box near a rigid wall		Aug 2022	1.997	1.324		Q1
A.Biswal, R.Kumar, H.Behera	Materials Science and Engineering: B	Materials Science and Engineering B (MSEB)		Aug 2022	3.407	0.94		Q2
V. Vidhya, Dr. K. Ganesan,	Mathematics and Statistics	A New Ranking Approach for Solving Fuzzy Transportation Problem with Pentagonal Fuzzy Numbers	10(4), 816-824	Aug 2022	-	1.1	10.13189/ms.2022.10041	Q3
Md. Mouzakkir Hossain, Harekrushna Behera	Physics of Fluids, American Institute of Physics	Linear instability of a surfactant-laden shear imposed falling film over an inclined porous bed	34, 084111	Aug 2022	4.98	NA	https://doi.org/10.1063/5.0093448	Q1
Sakthipriya. R, Suja. K	Mathematics and Statistics	On λ -Ideal Statistically Convergent of Double Sequences in n -Normed spaces over Non-Archimedean fields	10(5), 988-994	Sep 2022	-	1.1	10.13189/ms.2022.100510	Q3

Suresh Elumalai	Discrete Applied Mathematics	On the Merrifield-Simmons index of tricyclic graphs	322, 342-354	Sep 2022	1.254	1.301	https://doi.org/10.1016/j.dam.2022.09.006	Q2
V. Subburayan and S. Natesan	Mathematics	Parameter Uniform Numerical Method for Singularly Perturbed 2D Parabolic PDE with Shift in Space	10(3310),	Sep 2022	2.592	1.162	https://doi.org/10.3390/math10183310	Q1
Arunachalam Selvam, Sriramulu Sabarinathan	Journal of Function Spaces	Fractional Fourier Transform and Ulam Stability of Fractional Differential Equation with Fractional Caputo-Type Derivative	2022, ID. 3777566, 5 pages	Sep 2022	1.281	0.714	https://doi.org/10.1155/2022/3777566	Q2
E. Ragupathi, D. Prakash	Journal of Non-Equilibrium Thermodynamics	Impact of Thermal Nonequilibrium on Flow Through a Rotating Disk with Power Law Index in Porous Media Occupied by Ostwald-de-Waele Nanofluid		Sep 2022	4.29	0.852	https://doi.org/10.1515/jnet-2022-0030	Q1
G. Muhiuddin, K. Janaki, R., D. Al-Kadi, Arulprakasam	Journal of Mathematics	On Subclasses of Recognizable ϕ – Partial Array Languages	2022, 1493126, 1-11	Sep 2022	1.555	0.818	10.1155/2022/1493126	Q3
Hemen Dutta, B.V. Senthil Kumar, S. Sabarinathan	Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Matematica	Fuzzy stabilities of a new hexic functional equation in various spaces	30(3), 143-171	Sep 2022	0.806	1.168	10.2478/auom-2022-0038	Q3
Dia Zeidan, Sumita Jana, Sahadeb Kuila, T. Raja Sekhar	International Journal for Numerical Methods in Fluids	Solution to the Riemann problem for drift-flux model with modified Chaplygin two-phase flows		Sep 2022	1.847	1.075	https://doi.org/10.1002/ffd.5148	Q1
Sumanta Shagolshe and B. Bira	Mathematical Methods in the Applied Sciences	Study of wave propagation in arterial blood flow under symmetry analysis	2022, 1-12	Sep 2022	3.007	1.148	10.1002/mma.8706	Q1
M. Sivakumar., R. Senthamarai	International Journal of Electrochemical Science	Reaction and Kinetics Studies of Immobilized Enzyme Systems:Part-II With External Mass Transfer Resistance	17(2022), 221159	Sep 2022	1.541	0.437	10.20964/2022.09.69	Q4
G. Sudha, K. Ganesan	International Journal of Fuzzy System Applications	Interval-Fuzzy fixed charge transportation problems	11(3)	Sep 2022	0.93	0.707	10.4018/IJFSA.306281	Q1
Arul Joseph Gnanaprakasam, Gunasekaran Nallaselli	Symmetry - MDPI	Common Fixed-Points Technique for the Existence of a Solution to Fractional Integro-Differential Equations via Orthogonal Branciari Metric Spaces	14(9), 1859	Sep 2022	2.94	1.121	https://doi.org/10.3390/sym14091859	Q2
Senthil Kumar Prakasam, Arul Joseph Gnanaprakasam	International Journal of Fuzzy Logic and Intelligent Systems	Solution of Integral Equation via Orthogonally Modified F-Contraction Mappings on O-Complete Metric-Like Space	22(3):287-295	Sep 2022	-	0.687	DOI:10.5391/IJFIS.2022.22.3.287	Not yet assign
Rajagopalan Ramasamy, G. Mani, Arul Joseph Gnanaprakasam	Mathematics - MDPI	An Application to Fixed-Point Results in Tricomplex-Valued Metric Spaces Using Control Functions	10, 334	Sep 2022	2.592	1.162	10.3390/math10183344	Q1
K. Siva, S. Athithan	Mathematical Modelling of Engineering Problems	Analysis of Solution for the Stochastic Model Representing Water Scarcity in the Society	9(4), 1031-1042	Sep 2022	-	0.732	https://doi.org/10.18280/mmep.090421	Q2
Jisha.C.R., and Ritesh Kumar Dubey	Journal of Computational Physics	A novel numerical viscosity for fourth order hybrid entropy stable shock capturing schemes for convection diffusion equation	470, 111586	Sep 2022	4.645	1.743	https://doi.org/10.1016/j.jcp.2022.111586	Q1
B.V. Prithvi, S.K. Katiyar	Chaos, Solitons & Fractals	Interpolative operators: Fractal to multivalued fractal	2038:09:00	Sep 2022	9.922	-	https://doi.org/10.1016/j.chaos.2022.112449	Q1
Vasuki, L.Shobana, Mohammed Ali Ahmed	Iraqi Journal of Science	Face Antimagic Labeling for Double Duplication of Barycentric and Middle Graphs	63(9), 3902-3908	Sep 2022	-	0.926	https://doi.org/10.24996/ijis.2022.63.9.22	Q3
K. Vijaya Lakshmi, N. Parvathi	Materials Today: Proceedings	Topological indices relating some nanostructures	68(6), 2382-2386	Sep 2022	-	0.515	https://doi.org/10.1016/j.matpr.2022.09.106	Not yet assign
T.R. Mahesh, V. Vinoth Kumar, V. Muthukumaran, H.K. Shashikala, R. Swapna and Suresh Guluwadi	Hindawi Journal of Sensors	Performance analysis of XGBoost Ensemble Methods for Survivability with the Classification of Breast Cancer	2022, 4649510, 8 pages	Sep 2022	2.336	-	https://doi.org/10.1155/2022/4649510	Q2
Sumanta Shagolshe, Dr. Bibekananda Bira, Subhankar Sil	Chaos, Solitons and Fractals	Conservation laws and some new exact solutions for traffic flow model via symmetry analysis	165, 112779	Oct 2022	9.922	2.289	https://doi.org/10.1016/j.chaos.2022.112779	Q1
Abdul Haq	Chaos, Solitons and Fractals	Existence and partial approximate controllability of nonlinear Riemann-Liouville fractional systems of higher order	165(1), 112783	Oct 2022	9.922	2.289	https://doi.org/10.1016/j.chaos.2022.112783	Q1

Subhankar Sil & T. Raja Sekhar	Physics of Fluids	Nonlocal conservation laws and dynamics of soliton solutions of (2+1)- dimensional Boiti-Leon-Pempinelli system	34, 117113,	Oct 2022	4.98	1.46	10.1063/5.0123825	Q1
Deva Krishnan, S.Mohanaselvi	Mathematical Modelling of Engineering Problems	Picture Fuzzy Choquet Integral Based Geometric Aggregation Operators and Its Application to Multi Attribute Decision-Making	9(4), 1043-1062	Oct 2022	0.31	0.732	https://doi.org/10.18280/mmep.090422	Not yet assign
Thilagavathy, A, Mohanaselvi, S.	Journal of Intelligent & Fuzzy Systems	A study of cubical fuzzy possibility degree measure and its applications to multiple attribute decision-making problems	43(6), 7663-7678	Oct 2022	1.737	0.698	10.3233/JIFS-220686	Q2
Senthil Kumar Prakasam, Arul Joseph Gnanaprakasam	AIMS Mathematics	Fixed point for an OgF-c in O-complete b-metric-like spaces	8(1), 1022-1039	Oct 2022	2.739	1.025	10.3934/math.2023050	Q2
Gunaseelan Mani, Rajagopalan Ramaswamy, Arul Joseph Gnanaprakasam, Ola A Ashour Abdelnaby, Slobodan Radojevic and Stojan	Symmetry	Solution of Integral Equation with Neutrosophic Rectangular Triple Controlled Metric Spaces	14(2074)	Oct 2022	2.94	1.121	https://doi.org/10.10390/sym14102074	Q2
S. Rajeswari, N. Parvathi	Materials Today: Proceedings	The Entire Zagreb index is based on H–Naphthalenic nanotubes	68(6), 2608-2612	Oct 2022	NIL	0.575	https://doi.org/10.1016/j.matpr.2022.09.567	Not yet assign
T. Maheswaran, Bapuji Pullepu	Lecture Notes in Mechanical Engineering	Convective Flow over a Vertical Cone Embedded in a Stratified Medium by Group Theoretical Method		Oct 2022	NIL	0.393		Q4
S. Karthick and V. Subburayan	International Journal of Mathematical Modelling and Numerical Optimisation	Finite difference methods with linear interpolation for solving a coupled system of hyperbolic delay differential equations		Oct 2022	0	0.808		Q4
I. Sadham Hussain, D. Prakash, Santosh Kumar	Lecture Notes in Mechanical Engineering	Numerical Study on Nanofluid Flow and Heat Transfer Over a Thin Moving Needle with Arrhenius Pre-Exponential Factor Law and Slip Effect	185-193	Oct 2022	0	0.393	https://doi.org/10.1007/978-981-19-1929-9_16	Q4
Santosh Kumar, D. Prakash, Narsu Sivakumar	Lecture Notes in Mechanical Engineering	Dispersion of Rayleigh Wave in a Shielded Anisotropic Generalized Thermoelastic Layer		Oct 2022	0	0.393	https://doi.org/10.1007/978-981-19-1929-9_14	Q4
A. Biswal, R. Kumar, H. Behera, I.L. Lyubchanskii	Materials Science and Engineering: B	Quasi-periodic one-dimensional photonic crystal as a perspective structures for nanophotonics: Analysis of transmittivity spectra	Volume 284, 115915	Oct 2022	3.407	0.94	https://doi.org/10.1016/j.mseb.2022.115915	Q2
G.Suganya, R.Senthamarai	Computer Research and Modeling	Analytical Approximation of a Nonlinear Model for Pest Control in Coconut Trees by the Homotopy Analysis Method	14(5), 1093-1106	Nov 2022	nil	0.671	10.20537/2076-7633-2022-14-5-1093-1106	Q2
M. Sivakumar, R. Senthamarai	International Journal of Electrochemical Science	Reaction and Kinetic Studies of Immobilized Enzyme Systems: Part-I Without External Mass Transfer Resistance		Nov 2022	1.541	0.437		Q4
Subhankar Sil	Physics of Fluids	Nonlocal conservation laws and dynamics of soliton solutions of (2 + 1)-dimensional Boiti–Leon–Pempinelli system		Nov 2022	4.98	1.676		Q1
Subhankar Sil	Applied Mathematics and Computation	Nonclassical potential symmetry analysis and exact solutions for a thin film model of a perfectly soluble anti-surfactant solution	440, ID:127660	Nov 2022	4.397	1.66		Q1
Murugesan Sivashankar, Sriramulu Sabarinathan	AIMS Mathematics	Stability analysis of COVID-19 outbreak using Caputo-Fabrizio fractional differential equation	8(2), 2720-2735	Nov 2022	2.739	1.025	10.3934/math.2023143	Q2
A. Ramachandran and S. Sangeetha	Mathematics and Statistics	On the Generalized Quadratic-Quartic Cauchy Functional Equation and its Stability over Non-Archimedean Normed Space	10(6), 1210-1217	Nov 2022	-	1.1	10.13189/ms.2022.100607	Q3
A. John Kaspar, D.K. Sheena Christy	IAENG International Journal of Applied Mathematics	Lattice Regular Grammar-Automata	52(4)	Nov 2022	NIL	0.743	Nil	Q4
A.N.Revathi , S.Mohanaselvi	Indonesian Journal of Electrical Engineering and Computer Science	A study on uncertain fixed charge bi-objective 4-dimensional transportation problems under budget constraints		Nov 2022	0.28	0.513		Q1
Jinse Jacob, R. Varadharajan	Quality & Quantity	Simultaneous raise regression: a novel approach to combating collinearity in linear regression models		Nov 2022	2.87	2.248	https://doi.org/10.1007/s11335-022-01557-9	Q1
B.V. Senthil Kumar, J.M. Rassias, S. Idir, S. Sabarinathan	Tatra Mountains Mathematical Publications	Stabilities and non-stabilities of a new reciprocal functional equation	81(2022), 81-88	Nov 2022	NA	0.722	10.2478/tmmp-2022-0005	Q4

G.Suganya, R.Senthamarai	Engineering Letters	Impact of Awareness on the Dynamics of Pest Control in Coconut Trees - A Mathematical Model	30(4)	Nov 2022	nil	0.653		Q3
T.Vijayalakshmi, R.Senthamarai	Engineering Letters	A Nonlinear Prey-Predator Model with Holling Type III Functional Response: An Analytical Approach with Stability and Sensitivity Analyses	30(4)	Nov 2022	nil	0.653	Nil	Q3
Sasikumar J, Senthamarai R.	Mathematical Modeling And Computing	Chemical reaction and viscous dissipation effect on MHD oscillatory blood flow in tapered asymmetric channel	9(4), 999-1010	Nov 2022	Nil	0.722	10.23939/mmc2022.04.999	Q1
Md. Mouzakkir Hossaina, Harekrushna Behera	Physics of Fluids	Shear-imposed falling thin Newtonian film over a porous slippery surface	34, 114124	Nov 2022	4.98	-	10.1063/5.0120882	Q1
Prakash Kar, Harekrushna Behera	Fluids	Oblique Long Wave Scattering by an Array of Bottom-Standing Non-Smooth Breakwaters	7(352)	Nov 2022	NA	0.93	https://doi.org/10.3390/fluids7110352	Q2
R. Sriraman	Kybernetika	Global Stability Of Clifford-Valued Takagi-Sugeno Fuzzy Neural Networks With Time-Varying Delays And Impulses	58(4), 498-521	Nov 2022	0.892	0.484	10.14736/kyb-2022-4-0498	Q3
V. Muthukumaran	Lecture Notes in Networks and Systems	Efficient Authenticated Key Agreement Protocol for Cloud-Based Internet of Things	492	Nov 2022	0	0.249	https://doi.org/10.1007/978-981-19-3679-8	Q4
R. Arulprakasam	Scientific African	Shehu Integral Transform and Hyers-Ulam Stability of nth order Linear Differential Equations	18, e01427	Nov 2022	0	1.045	https://doi.org/10.1016/j.sciaf.2022.e01427	
N.B. Sharmila, C.Gunasundari	International Journal of Applied Mathematics	Travelling Wave Solutions For A Diffusive Prey-Predator Model With One Predator And Two Preys	35(2), 661-684	Nov 2022	0.55	0.609	http://dx.doi.org/10.1273/2/ijam.v35i5.3	Q3
S. Athithan J.	Nonlinear Studies	Modeling and optimal control: The role of media on the dynamics of the spread of crime	29(4), 1111-1129	Nov 2022	Nil	0.467	Nil	Q4
Arul Joseph Gnanaprakasam	AIMS Mathematics	Application of fixed point results in the setting of F - contraction and simulation function in the setting of bipolar metric space	8(2), 3269-3285	Nov 2022	2.739	1.025	10.3934/math.2023168	Q2
Arul Joseph Gnanaprakasam	Fixed Point Theory and Algorithms for Sciences and Engineering	Solving an integral equation via generalized controlled fuzzy metrics	2022:21:00	Nov 2022	-	1.626	http://doi.org/10.1186/s13663-022-00731-w	Q2
Arul Joseph Gnanaprakasam	Mathematics - MDPI	Fixed Points on Covariant and Contravariant Maps with an Application	10(4385)	Nov 2022	2.592	1.162	https://doi.org/10.3390/math10224385	Q1
S.Haque, A.K. Bhurjee, P. Kumar	Systems Science and Control Engineering	Multi-objective non-linear solid transportation problem with fixed charge, budget constraints under uncertain environments	10(1), 899-909	Nov 2022				Q3
D. K. Sheena Christy, V. Latha, and A. John Kaspar	AIP Conference Proceedings	Star coloring on corona product of two fuzzy graphs	2516, 210035	Dec 2022	-	0.262	https://doi.org/10.1063/5.0109237	Q4
E. Ragupathia, D. Prakasha, S. Kumara, and K. Karuppiiah	AIP Conference Proceedings	Nanofluid flow and heat transfer in upright asymmetrical channel with boundary conditions of third kind	2516, 170009	Dec 2022	NIL	0.262	https://doi.org/10.1063/5.0109425	Q4
D. K. Sheena Christy, A. John Kaspar, and D. G. Thomas	AIP Conference Proceedings	On reversible fuzzy turing machine	2516, 200013	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0109238	Q4
A. J. Kaspar, D. K. Sheena Christy	Journal of Mathematics and Computer Science	Regular string token fuzzy Petri nets	Volume 30, Issue 2, pp 89--100	Dec 2022	0.262	0.632	https://doi.org/10.22436/jmcs.030.02.01	Not yet assign
Muthu Meena Lakshmanan Esakkivelu and Suja Krishnamurthy	AIP Conference Proceedings	Some results of weighted statistical Norlund- Euler Convergence in an ultrametric field	2516, 370001	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108488	Q4
R. Sakthipriya and K. Suja	AIP Conference Proceedings	Ideal Statistical Convergence of Sequence in Function Space over Non-Archimedean Fields	2516, 420001	Dec 2022	NIL	0.262	https://doi.org/10.1063/5.0108489	Q4
Mohammed Ali Ahmed, Andrea Semaničová-Feňovčíková, Martin Bača, J. Baskar Babujee & Loganathan Shobana	Aequationes Mathematicae	On graceful antimagic graphs	97, pages 13–30	Dec 2022	0.926	1.522		Q2

B. Vasuki and L. Shobana	AIP Conference Proceedings	Face Antimagic Labeling For Double Duplication of Crown related Graphs	2516, 210048	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0109064	Q4
K. Deva and S. Mohanaselvi	AIP Conference Proceedings	Trapezoidal picture fuzzy aggregation operators based on Einstein operations and its application to multi-attribute decision making problem	2516, 200006	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108420	Q4
P. Kumar, Bishakha Rani B. S and A. K. Bhurjee	AIP Conference Proceeding	Multi-objective portfolio selection problem using admissible order vector space	2516, 320001	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108599	Q4
A. K. Bhurjee and Pankaj Kumar	AIP Conference Proceeding	Calculus for interval valued function on real space	2516, 190011	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108532	Q4
B. Dhivyadharshini and R. Senthamarai	AIP Conference Proceedings	Mathematical Analysis of a Non Linear Prey Predator System: Analytical Approach By HPM	2516, 250008	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0108655	Q4
Kifayat Ullah and S. K. Katiyar	Topological Algebra and its Applications	Cyclic weak ϕ iterated function system	2022; 10:161–166	Dec 2022	NA	0	https://doi.org/10.1515/ta-a-2022-0123	Q3
S. Sangeetha, S. K. Thamilvanan and Ethiraju Thandapani	AIP Conference Proceedings	The oscillation measures for higher order difference equation having a superlinear neutral term	2516, 310003	Dec 2022	NIL	0.262	https://doi.org/10.1063/5.0108646	Q4
M. Mallikarjuna and R. Senthamarai	AIP Conference Proceedings	Analytical Solution of Enzyme Catalysis in Calcium Alginate Beads	2516, 250007	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0108653	Q4
M. Vijayakumar, S. K. Thamilvanan, J. Joshan and Ethiraju Thandapani	AIP Conference Proceedings	On the oscillation of solutions of non linear second-order neutral differential equations with advanced arguments	2516, 310004	Dec 2022	NIL	0.262	https://doi.org/10.1063/5.0108641	Q4
K. Suja and K. Vishwanathan	AIP Conference Proceedings	Split Domination of Some Special Graph	2516, 210003	Dec 2022	NIL	0.262	https://doi.org/10.1063/5.0108487	Q4
E. Ragulkumar and P. Sambath	AIP Conference Proceedings	Free convection flow past a vertically inclined plate	2516, 170010	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108437	Q4
V. Poongothai, V. Saravanan, M. Kannan and P. Godhandaraman	AIP Conference Proceedings	An / / Retrial Queueing System with Discouragement, Breakdowns and Repairs	2516, 360010	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0109027	Q4
P. Godhandaraman, A. Srikrishna and V. Poongothai	AIP Conference Proceedings	Analysis of a Single Machine Scheduling to Diminish the Makespan and Tardiness with Effect of Aging, Multi-Maintenance and Backup Machine	2516, 240004	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0109024	Q4
P. Godhandaraman, G. Vinita and V. Poongothai	AIP Conference Proceedings	Analysis of a Markovian Retrial Queueing System with Impatience and Vacation Model	2516, 360012	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0109025	Q4
V. Poongothai, K. Anitha and P. Godhandaraman	AIP Conference Proceedings	Markovian Model of Two Heterogeneous Server Retrial Queueing System with Vacation and Discouragement	2516, 360011	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0109023	Q4
V. Poongothai, G. Dillibabu and P. Godhandaraman	AIP Conference Proceedings	A Genetic Algorithm for a Single Machine Scheduling with Decomposition Method, Deterrent Maintenance and Its Application of Steel Production System	2516, 240003	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0109019	Q4
K. Siva, S. Athithan	Nonlinear Dynamics and Systems Theory	Effect of Water Scarcity in the Society: A Mathematical Mode	Vol. 25, Issue 6, pp. 2558-2570	Dec 2022	NA	0.601		Q3
M. Kannan, P. Godhandaraman and V. Poongothai	AIP Conference Proceedings	A Single Machine Scheduling to Reduce the Tardiness, Makespan with Rejection Cost and Preventive Maintenance for Bi-Objective Model	2516, 240005	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0109028	Q4
G. Gajendran and R. Varadharajan	AIP Conference Proceedings	Classification of imbalanced data using MAMFFN	2516, 260008	Dec 2022		0.402	https://doi.org/10.1063/5.0109274	Q4
J. Madhumitha and G. Vijayalakshmi	AIP Conference Proceedings	Bayesian Reliability Estimates of Linear/Circular Consecutive k-out-of-n:F System Based on Weibull Distribution	2516, 340001	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108545	Q4
V. Vidhya, Akanksha and K. Ganesan	AIP conference proceedings	An alternate method for finding an optimal solution to unbalanced fuzzy transportation problem for maximizing the profit	2516, 320005	Dec 2022	-	0.262	https://doi.org/10.1063/5.0108901	Q4

N. Balaji, N. B. Sanjana, E. P. Siva, R. Lokesh, and A. J. Catherina	AIP Conference Proceedings	Risk and Effective Analysis of COVID-19 Vaccine using Mathematical Models in the Pandemic Situation	2516, 250004	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0108456	Q4
Tamilarasam P, Balaji N, Kammani K and Lokesh R.	AIP Conference Proceedings	EDUCATION VALUES AND ROLE OF TECHNOLOGY ASPECT IN INDIAN HIGHER EDUCATION	2516, 260004	Dec 2022	0.4	0.271	https://doi.org/10.1063/5.0108451	Q4
T. Leelavathy and Vigneshwari T.	AIP Conference Proceedings	A compromise between fuzzy span and outlay in project management	2516, 200007	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108452	Q4
Ajithkumar Mohan and M. Balaganesan	AIP Conference Proceedings	Planning and scheduling a project by using fuzzy critical path method	2516, 210025	Dec 2022	NIL	0.262	https://doi.org/10.1063/5.0108997	Q4
N. B. Sanjana, M. Ishwarya, N. Ba	AIP Conference Proceedings	Risk Based Pricing Using K-Means Clustering	2516, 260001	Dec 2022	0.402	0.262	https://doi.org/10.1063/5.0108665	Q4
Sivapriya V. and Prabakaran K.	AIP Conference Proceedings	Solution of travelling salesman problem under intuitionistic fuzzy environment	2516, 320004	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0109308	Q4
Gunasekaran Nallasellia, Arul Joseph Gnanaprakasama, Gunaseelan Manib, Ozgur Ege	Filomat	Solving Integral Equations via Admissible Contraction Mappings	36(14):4947-4961	Dec 2022	0.988	0.818	DOI:10.2298/FIL2214947N	Q2
M. Saraswathy, D. Prakash and Putta Durgaprasad	Mathematics	MHD Micropolar Fluid in a Porous Channel Provoked by Viscous Dissipation and Non-Linear Thermal Radiation: An Analytical Approach	11(1), 183	Dec 2022	2.592	1.162	https://doi.org/10.3390/math11010183	Q1
T. Yogashanthi, Shakeela Sathish, K. Ganesan	Mathematics and Statistics	A study on intuitionistic fuzzy critical path problems through centroid based ranking method	10(6): 1326-1333	Dec 2022	NA	1.1	DOI: 10.13189/ms.2022.100619	Q3
S. Sangeetha and G. Kaviya	AIP Conference Proceedings	Secure domination for some special graphs	2516, 210059	Dec 2022	-	0.262	https://doi.org/10.1063/5.0108592	Q4
K. Marimuthu, J. Uma and S. Mayilvaganan	AIP conference Proceedings	A new subclass of p-valent functions associated with some fractional calculus operator	2516, 080001	Dec 2022	-	0.262	https://doi.org/10.1063/5.0108612	Q4
A. Govindarajan, J. Sasikumar and P. Vaidehi	AIP Conference proceedings	Heat And Mass Transfer Effect On Unsteady Flow Of Two Stratified Immiscible Fluids With Thermal Radiation	2516, 170013	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0109222	Q4
T. Karthy, T. Leelavathy and M. Narendran	AIP Conference Proceedings	Sequencing problem: A new approach	2516, 320009	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108691	Q4
G. Krishnaveni, E. Melita Vinoliah and K. Ganesan	AIP Conference Proceedings	A solution approach for fully fuzzy multi objective fractional assignment problems	2516, 320007	Dec 2022	NIL	0.262	https://doi.org/10.1063/5.0108995	Q4
R. Venkatesan, E. Nandakumar, S. Hemanth Kumar and K. Gaverchand	AIP Conference Proceedings	Cellularity of $(Z_3 \times S_n)$ group algebras	2516, 020007	Dec 2022	Nil	0.262	https://doi.org/10.1063/5.0109075	Q4
Menaha Dhanraj, Arul Joseph Gnanaprakasam, Gunaseelan Mani, Ozgur Ege, and Manuel De la Sen	Axioms	Solution to Integral Equation in an O-Complete Branciari b-Metric Spaces	11, 728	Dec 2022	1.824	1.121	https://doi.org/10.3390/axioms1120728	Q1
S. Sangeetha, J. Uma and P. Karthik Raja	AIP Conference Proceedings	On fair domination of special graphs	2516, 210026	Dec 2022	-	0.262	https://doi.org/10.1063/5.0108589	Q4
Lavanya Gowrishankar, Sujatha E. and Yazhini C. M.	AIP Conference Proceedings	Single queue single server model with feedback for doctor's clinic	2516, 340009	Dec 2022	nil	0.26	https://doi.org/10.1063/5.0108586	Q4
J. Madhumitha and G. Vijayalakshmi	AIP Conference Proceedings	Estimation of Bayesian System Reliability of Consecutive k-out-of-n:F System Using Negative Binomial Distribution	2516, 340012	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108546	Q4
Meena Parvathy Sankar and J. Pooja	AIP Conference Proceedings	Detection of malicious attacks in computer Network Architecture using graph theory and Python Programming	2516, 210052	Dec 2022	0.402	0.4	https://doi.org/10.1063/5.0127242	Q4
E. Melita Vinoliah, G. Krishnaveni and K. Ganesan	AIP Conference Proceedings	A unique approach for solving generalized fuzzy assignment problem	2516, 320008	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0109052	Q4

T. Nirmala and A. Dhanush	AIP Conference Proceedings	Solving system of interval linear equation by the use of generalized interval triangularization approach	2516, 220001	Dec 2022	NIL	0.262	https://doi.org/10.1063/5.0110172	Q4
E. Nandakumar, R. Venkatesana), and A. Yashmin	AIP Conference Proceedings	Various energies of power graph of some finite groups	2516, 210057	Dec 2022	Nil	0.262	https://doi.org/10.1063/5.0109065	Q4
Narsu Sivakumar, Nainaru Tarakaramu, P. V. Satya Narayan, K. Bhagya Lakshmi and B. Aruna Kumari	AIP Conference Proceedings	Three dimensional magnetohydrodynamic casson fluid flow over a linear stretching surface: A numerical analysis	2516, 170022	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0110704	Q4
Shalini Priya Samuvel and Ganesan Kandasamy	AIP Conference Proceedings	Multi-objective fuzzy transportation technique for distribution of medicines for controlling communicable diseases	2516, 200012	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0109170	Q4
Senthil Kumar Prakasam, Arul Joseph Gnanaprakasam, Gunaseelan Mani, Fahd Jarad	AIMS Mathematics	Solving an integral equation via orthogonal generalized α - ψ -Geraghty contractions	8(3), 5899-5917	Dec 2022	2.739	1.025	10.3934/math.2023297	Q2
R. Varadharajan and M. Yokesh	AIP Conference Proceedings	A study on multi-objective fuzzy assignment problem using diagonal optimal algorithm method with triangular fuzzy number	2516, 200027	Dec 2022	0.402	0.262	https://doi.org/10.1063/5.0109272	Q4
E. Sujatha, G. Lavanya and P. Dharmakani	AIP Conference Proceedings	Comparison between exponential and secant film profile on a wide slide porous bearing considering viscosity variation and MHD effects	2516, 170015	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0108584	Q4
K. Marimuthu, J. Uma and S. Mayilvaganan	AIP Conference Proceedings	Certain subclass of univalent functions associated with fractional calculus operator	2516, 180003	Dec 2022	-	0.262	https://doi.org/10.1063/5.0108611	Q4
R. Sakthivel and G. Vijayalakshmi	AIP Conference Proceedings	Reliability analysis using Bayesian Network for Medical Test of Covid-19	2516, 250015	Dec 2022	NA	0.262	https://doi.org/10.1063/5.0108670	Q4
P. Uma Maheswari, M. S. Ragavendirane and K. Ganesan	AIP Conference Proceedings	A Max-Min Average Method for Solving Fuzzy Transportation Problems with Mixed Constraints involving Generalized Trapezoidal Fuzzy Numbers	2516, 200024	Dec 2022	nil	0.262	https://doi.org/10.1063/5.0108900	Q4
E. P. Siva, N. Balaji, B. Vijayakumar, P. Bathmanaban and G. Shankar	AIP Conference Proceedings	Effect of Thermally Radiative Heat Transfer and Heat Source on Peristalsis of a Couple Stress Fluids through the Porous Micro Channel in the Occurrence of MHD	2516, 170023	Dec 2022	0.402	0.262	https://doi.org/10.1063/5.0108667	Q4
Sumanta Shagolshem, Bibekananda Bira	Chaos, Solitons and Fractals	Optimal subalgebras and conservation laws with exact solutions for biological population model	166(1):112985	Jan 2023	9.922	2.3	10.1016/j.chaos.2022.112985	
Sangeetha Sekar, Sujatha Elamparathi, Sivakami Lakshmi Nathan, Lakshmi Priya Saravanathan	International Journal of Heat and Technology	Effect of MHD with Micropolar Fluid Between Conical Rough Bearings	40(6), 1210-1216	Jan 2023	NA	0.6		
F.R.P.Mary, L. Shobana	TWMS Journal of Applied and Engineering Mathematics	ENCRYPTION THROUGH SQUARE GRID AUTOMATA	13(1), 285-290	Jan 2023	NA	0.4		
Nithya.N, Vennila.B	Mathematical Modelling of Engineering Problems	MHD nanoliquid flow along a stretched surface with thermal radiation and chemical reaction effects Mathematical Modelling of Engineering Problems	9(6), 1704-1710	Jan 2023	NA	0.7		
Dr. V. Muthukumar	Sensors	Image Noise Removal in Ultrasound Breast Images Based on Hybrid Deep Learning Technique	23(3):1167	Jan 2023	3.8	1.4	DOI:10.3390/s23031167	
K. Janaki, R. Arulprakasam	Lecture Notes in Computer Science	Algebraic Properties of Parikh q-Matrices on Two-Dimensional Words		Jan 2023	NA	0.5		
R. Krishna Kumari, R. Arulprakasam	Lecture Notes in Computer Science	Lyndon Partial Words and Arrays with Applications	226-244	Jan 2023	NA	0.53		
Madhumitha J, G. Vijayalakshmi	International Journal of Performability Engineering	Multi-state Performance of Linear Consecutive 2-out-of-n:F system using Markov Reward Model	2022, (12): 903 -910	Jan 2023	NA	0.23	DOI: 10.23940/ijpe.22.12.p8.903910	
Jinse Jacob, R.Varadharajan	Mathematics and Statistics	Raise Estimation: An Alternative Approach in the Presence of Problematic Multicollinearity	11(1):51-64	Jan 2023	NA	1.1	DOI:10.13189/ms.2023.110106	
Suresh Elumalai, Toufiq Mansour	MATHEMATICAL REPORTS	A Short note on Zagreb indices and hyper Zagreb indices on graphs	24(74) (2022), 4, 637-642	Jan 2023	0.38	0.98		

Muthu Meena Lakshmanan, E. Suja, K	Mathematics & Statistics, HRB Publications	Some Results of Generalized Weighted Norlund-Euler- λ Statistical Convergence in Non-Archimedean Fields	11(1): 128-133, 2023	Jan 2023	NA	1.1	DOI: 10.13189/ms.2023.110114
S. Hema Surya, T. Nirmala, K. Ganesan	Journal of King Saud University – Science	Interval Linear Algebra - A New Perspective problem	35(2), 102502	Jan 2023	3.829	1.51	https://doi.org/10.1016/j.jsus.2022.102502
Tanmoy Chakraborty, Pinaki Ranjan Duari, Nilangshu Acharyac	WAVES IN RANDOM AND COMPLEX MEDIA	Unfolding flow features of MHD hybrid nanofluid (Ag–Al2O3–H2O) and mono nanofluid (Al2O3–H2O) flow over exponentially expanded sheet soaked in a Darcy–Forchheimer absorbent medium coexisting non-uniform heat		Jan 2023	4.051	1.06	https://doi.org/10.1080/17455030.2023.2171153
Arul Joseph Gnanaprakasam	Mathematics - MDPI	New Fixed Point Results in Orthogonal B-Metric Spaces with Related Applications	11(3), 677	Jan 2023	2.592	1.16	https://doi.org/10.3390/math11030677
Gunasekaran Nallaselli, Arul Joseph Gnanaprakasam	Mathematics - MDPI	Integral Equation via Fixed Point Theorems on a New Type of Convex Contraction in b-Metric and 2-Metric Spaces	11(2), 344	Jan 2023	2.592	1.16	https://doi.org/10.3390/math11020344
Narsu Sivakumar	AIMS Mathematics	Linear regression of triple diffusive and dual slip flow using Lie Group transformation with and without hydro magnetic flow	8(3): 5950–5979	Jan 2023	2.739	1.03	DOI: 10.3934/math.2023300
Narsu Sivakumar	Journal of the Indian Chemical Society	Activation energy on three-dimensional Casson nanofluid motion via stretching sheet: Implementation of Buongiorno's model	100(2), 100886	Jan 2023	0.243	0.12	https://doi.org/10.1016/j.ics.2023.100886
Narsu Sivakumar	Journal of the Indian Chemical Society	Three dimensional nanofluid motion with convective boundary condition in presents of nonlinear thermal radiation via stretching sheet	100(2), 100887	Jan 2023	0.243	0.12	https://doi.org/10.1016/j.ics.2023.100887
Gunasekaran Nallaselli, Arul Joseph Gnanaprakasam	Mathematics - MDPI	A Study on Fixed-Point Techniques under the $\alpha - F$ - Convex Contraction with an Application	12(2), 139	Jan 2023	1.824	1.12	https://doi.org/10.3390/axioms12020139
Timir Karmakar, Swarup Barik and G. P. Raja Sekhar	Proceedings of the Royal Society A: Mathematical Physical and Engineering Sciences	Multi-scale analysis of concentration distribution in unsteady Couette–Poiseuille flows through a porous channel	479(2269)	Jan 2023	3.213	1.29	https://doi.org/10.1098/rspa.2022.0494
K. Janaki, Wen Chen Teh, R. Arulprakasam	South East Asian J. of Mathematics and Mathematical Sciences	Parikh q- matrix under Prouhet morphism	21, 115-123	Jan 2023	NA	0.1	
V. Suvitha, S. Mohanaselvi, Broumi Said	Neutrosophic Sets and Systems	Study on Neutrosophic Priority Discipline Queuing Model	53	Jan 2023	NA	1.4	
B.V. Senthil Kumar, Hemen Dutta, S. Sabarinathan	Boletim da Sociedade Paranaense de Matematica	Approximating an Advanced Multi-dimensional Reciprocal-quadratic Mapping via a Fixed Point Approach	41, 1-12	Jan 2023	NA	1	DOI:10.5269/bspm.62943
M. Sivashankar S. Sabarinathan, Kottakkaran Sooppy Nisar, Ravichandran Chokkalingam	Chaos, Solitons and Fractals	Some properties and stability of Helmholtz model involved with nonlinear fractional difference equations and its relevance with quadcopter	168(2):113161	Jan 2023	9.922	2.29	DOI:10.1016/j.chaos.2023.113161
K.Hemalatha, S. Kumar, D. Prakash Jyotirmayee Behera, Ajit Kumar Pasayat, Harekrushna Behera, Pankaj Kumar	Forces in Mechanics	Dispersion of Rayleigh wave in a functionally graded piezoelectric layer over elastic substrate	10, 100171	Jan 2023	NA	0	
	Engineering Applications of Artificial Intelligence	Prediction based mean-value-at-risk portfolio optimization using machine learning regression algorithms for multi-national stock markets	120, 105843	Jan 2023	7.802	2.3	https://doi.org/10.1016/j.engappai.2023.105843
R. Krishna Kumari, R. Arulprakasam, M. Radhakrishnan		Combinatorics on Finite Partial Words with Zero Palindromic Defect		Jan 2023	NA	0.1	
Gunasekaran Nallaselli, Arul Joseph Gnanaprakasam	Axioms - MDPI	Fixed Point Theorems via Orthogonal Convex Contraction in Orthogonal b-Metric Spaces and Applications	12, 143	Jan 2023	1.824	1.12	https://doi.org/10.3390/axioms12020143
A.N. Revathi, S. Mohanaselvi	Neutrosophic Sets and Systems	An Efficient Neutrosophic Technique for Uncertain Multi Objective Transportation Problem	53(27), 433-458	Jan 2023	NA	1.4	
Francis Remigius Perpetua Mary, Swaminathan Mohanaselvi, Said Broumi	Bulletin of Electrical Engineering and Informatics	A solution approach to minimum spanning tree problem under fermatean fuzzy environment	12(3),	Jan 2023	NA	0.7	DOI: https://doi.org/10.11591/eei.v12i3.4794
N. Abhilash, E. Nandakumar	Mathematical Statistician and Engineering Applications	Structure of the Unit Group of the Symmetric Group Algebra		Jan 2023			https://www.philstat.org/index.php/MSEA/article/view/2203

S.Sangeetha, B.Sudha, S.K. Tamilvanan	AIP Conference Proceedings	Oscillation conditions for quasi-linear third order differential equations with a superlinear neutral term	2516, 130011 (2022)	Jan 2023	NA	0.3	https://doi.org/10.1063/5.0109630	
Dhanalakshmi S, Dr.N.Parvathi	AIP Conference Proceedings	Mean Square Cordial Labeling Of Subdivision of Some Graphs	2516, 210013 (2022)	Jan 2023	NA	0.26	https://doi.org/10.1063/5.0109630	
K. Vidhya, Saraswathi Appasamy and Ganesan Kandasamy	AIP Conference Proceedings	Comparative study of fuzzy Floyd Warshall algorithm and the fuzzy rectangular algorithm to find the shortest path	2516(1), id.200029, 9 pp.	Jan 2023	NA	0.3	DOI:10.1063/5.0110337	
M Aakash, C.Gunasundari & Qasem M.Al-MDallal	Frontiers in Applied Mathematics and Statistics	Mathematical modeling and simulation of SEIR model for COVID- 19 outbreak: A case study of Trivandrum	1-9	Feb 2023	1.63	0.83	DOI:10.3389/fams.2023.1124897	
Dr.B.Vennila, N.Nithya	MATHEMATICAL MODELING AND COMPUTING	MHD Nanofluid boundary layer flow over a stretching sheet with viscous, ohmic dissipation	10(1), 195-203	Feb 2023	NA	0.722		
E. Ragulkumar, P. Sambath, Ali J. Chamkha	Scientific reports	Dissipative MHD free convective nanofluid flow past a vertical cone under radiative chemical reaction with mass flux	13(2878)	Feb 2023	4.996	1.389	DOI:10.1038/s41598-023-28702-0	
S. K. B. Sangeetha, Sandeep Kumar Mathivanan, V. Muthukumar, N. Pughazendi, Prabhu Jayagopal and Md Salah Uddin	Mathematical Problems in Engineering	A Deep Learning Approach to Detect Microsleep Using Various Forms of EEG Signal	Vol. 2023, Article ID 7317938	Feb 2023	1.4	0.732	https://doi.org/10.1155/2023/7317938	
Gunasekaran Nallaselli, Arul Joseph Gnanaprakasam, M.Gunaseelan, Khalil Javed	Journal of Mathematics	Solution of Nonlinear Fredholm Integral Equations on Almost Z T - Contraction	2023(6):1-9	Feb 2023	1.555	0.818	DOI:10.1155/2023/7360236	
S. Sivasankar, U. Ramalingam, Venkatesan Muthukumar	Nonlinear Analysis: Modelling and Control	A new conversation on the existence of Hilfer fractional stochastic Volterra–Fredholm integro-differential inclusions via almost sectorial operators	28:1-20	Feb 2023	2.1	1.1	DOI:10.15388/name.2023.28.31450	
K.A. Sharada, KSN. Sushma, V. Muthukumar, T.R. Mahesh, B. Swapna, S. Roopashree SRMIST	Microprocessors and Microsystems	High ECG diagnosis rate using novel machine learning techniques with Distributed Arithmetic (DA) based gated recurrent units	98(104796)	Feb 2023	3.5	1.73	https://doi.org/10.1016/j.micpro.2023.104796	
Md. Mouzakkir Hossain, Chia Cheng Tsai, Harekrushna Behera	Physics of Fluids, American Institute of Physics	Instability mechanism of shear-layered fluid in the presence of a floating elastic plate	35, 027102 (2023)	Feb 2023	4.98	Not Available	https://doi.org/10.1063/5.0135686	
Dipankar Paul, Md Mouzakkir Hossain, Harekrushna Behera	Physics of Fluids, American Institute of Physics	Hydrodynamic instability of odd-viscosity induced shearimposed falling film	35, 034101 (2023)	Feb 2023	4.98	Not Available	https://doi.org/10.1063/5.0137425	
H. Merlyn Margaret. P. Thirunavukkarasu	AIP Conference Proceedings	Analysis of the Engset loss system in fuzzy environments.	2427, 020010 (2023)	Feb 2023	Nil	0.262	https://doi.org/10.1063/5.0101724	
Said Broumi, Swaminathan Mohanaselvi, Tomasz Witczak, Mohamed Talea, Assia Bakali and Florentin Smarandache	Decision Making: Applications in Management and Engineering	COMPLEX FERMATEAN NEUTROSOPHIC GRAPH AND APPLICATION TO DECISION MAKING	6(1), 474-501	March 2023	NA	2.76	https://doi.org/10.31181/dmame.24022023b	
M.Aakash, C. Gunasundari	communications in mathematical biology and neuroscience	Effect of partially and fully vaccinated individuals in some regions of India: A mathematical study on COVID-19 outbreak	2023,2023:25	March 2023	NA	0.67	https://doi.org/10.28919/cmbn/7825	
S. Gimniz Simon, B. Bira	Chaos, Solitons and Fractals	Optimal systems, series solutions and conservation laws for a time fractional cancer tumor model	169(2023), 113311	March 2023	9.922	2.29	https://doi.org/10.1016/j.chaos.2023.113311	
S. Karthick, V. Subburayan, Ravi P. Agarwal	Computation	Fractional-Step Method with Interpolation for Solving a System of First-Order 2D Hyperbolic Delay Differential Equations	11, 57	March 2023	NA	0.93	https://doi.org/10.3390/computation11030057	
Annamalai Natarajan Revathi , Swaminathan Mohanaselvi	Mathematical Modelling of Engineering Problems	Fixed Charge Solid Transportation Problem Based on Carbon Emission with Budget Constraints in Uncertain Environment (UFSTPCEBC)	10(1), 195-203	March 2023	NA	0.73	https://doi.org/10.18280/mmep.100122	
Aruna A (SRM IST, KTR) and Swarup Barik (SRM IST, KTR)	Physics of Fluids	Multi-scale analysis of solute dispersion in non-Newtonian flows in a tube with wall absorption	35, 033103(2023)	March 2023	4.98	NA	doi: 10.1063/5.0130789	
R Sakthivel, G. Vijayalakshmi	Mathematics and Statistics	Reliability Evaluation of Linear or Circular Consecutive k-out-of-n: F System Using Dynamic Bayesian Network	11(2): 252-262, 2023	March 2023	1	1.1	DOI: 10.13189/ms.2023.110203	
I.Narsu Sivakumar	International Journal of Modern Physics B	Falkner–Skan slip flow of non-Newtonian fluid over a moving and nonlinearly radiated wedge with variable heat source/sink and viscous dissipation	2450004, 19 pages	March 2023	1.404	0.47	DOI: 10.1142/S0217979224500048	

1. Sai lakshmi B, SRM Institute of science and technology 2. G.Gajendran, SRM Institute of science and technology	Mathematics and Statistics	P-dist Based Regularized Twin Support Vector Machine on Imbalanced Binary Dataset	11(2), 325-334	March 2023	1	1.1	DOI: 10.13189/ms.2023.110211
1. M Saraswathy (SRM IST) 2. D Prakash (SRM IST)	International Journal of Modern Physics B	Theoretical study on bio-convection of micropolar fluid with an exploration of Cattaneo-Christov heat flux theory	2450016 (35 pages)	March 2023	1.404	0.47	DOI: 10.1142/S0217979224500164
1. Kaliyaperumal Chinnadurai (SRMIST) Singaram Athithan (SRMIST)	Mathematical Modelling of Engineering Problems	Poverty and the Effects of Drug Addiction in a Deterministic and Stochastic Model	10(1), 352-359	March 2023	NA	0.73	https://doi.org/10.18280/mmep.100141
A. John Kaspar. D. K. Sheena Christy, Ismail Naci Cangul	Journal of Survey in Fisheries Sciences	Star Chromatic Number of the Edge Corona of Two Graph	10(2S) 539-549	March 2023	NA	0.59	
1. Saritha M.B, Research Scholars, Department of Mathematics, SRM Institute of Science and Technology, India. 2. R. Varadharajan, Department of Saravanan Srinivasan, Prabnn Selvestar MercyBai, Sandeep Kumar Mathivanan, Venkatesan Muthukumar, Jyothi Chinna Babu and Lucia Vileckova	Mathematics and Statistics	Multivariate Hotelling-T2 Control Chart for Neurosophic Data	11(2), 288-293	March 2023	NIL	1.1	10.13189/ms.2023.110206
Sivajiganesan Sivasankar, Ramalingam Udhayakumar, Venkatesan Muthukumar, Saradha Madhrubotham, Ghada AlNemer and	Diagnostics	Grade Classification of Tumors from Brain Magnetic Resonance Images Using a Deep Learning Technique	2023, 13, 1153	March 2023	3.992	1.1	https://doi.org/10.3390/diagnostics13061153
	Fractal and Fractional	Existence of Sobolev-Type Hilfer Fractional Neutral Stochastic Evolution Hemivariational Inequalities and Optimal Controls	2023, 7, 303.	March 2023	3.577	1.39	https://doi.org/10.3390/fractalfract7040303
R. Sriraman, P. Vignesh, V. C. Amritha, G. Rachakit and Prasanalakshmi Balaji	AIMS Mathematics	Direct quaternion method-based stability criteria for quaternion-valued Takagi-Sugeno fuzzy BAM delayed neural networks using quaternion-valued Wirtinger-based integral inequality	8(5): 10486–10512	March 2023	2.739	1.03	DOI: 10.3934/math.2023532
R. Sriraman, R. Samidurai, V. C. Amritha, G. Rachakit and Prasanalakshmi Balaji	AIMS Mathematics	System decomposition-based stability criteria for Takagi-Sugeno fuzzy uncertain stochastic delayed neural networks in quaternion field	8(5): 11589–11616	March 2023	2.739	1.03	DOI: 10.3934/math.2023587
K. Janaki-Research scholar- SRMIST, R. Arulprakasam-SRMIST	Journal of Applied Mathematics and Informatics	PROUHET ARRAY MORPHISM AND PARIKH q-MATRIX	41(2), 345-362	March 2023	nil	0.27	https://doi.org/10.14317/jami.2023.345
G. Mani, R. Ramaswamy, G. Arul Joseph, A. Elsonbaty, Ola A. Ashour Abdelnaby & Stojan Radenovic	Symmetry - MDPI	Application of Fixed-Point Results to Integral Equation through F-Khan Contraction	15, 773	March 2023	2.94	1.12	https://doi.org/10.3390/sym15030773
G. Mani, R. Ramaswamy, G. Arul Joseph, A. Elsonbaty, Ola A. Ashour Abdelnaby & Stojan Radenovic	Fractal and Fractional - MDPI	Application of Fixed Points in Bipolar Controlled Metric Space to Solve Fractional Differential Equation	7, 242	March 2023	3.577	1.39	https://doi.org/10.3390/fractalfract7030242
J.Narsu Sivakumar(Department of Mathematics, SRM Institute of Science and Technology, Kattankulathur, Chennai 603203, Tamilnadu, India)	Journal of Nanofluids	Convective Conditions on 3D Magnetohydrodynamic (MHD) Non-Newtonian Nanofluid Flow with Nonlinear Thermal Radiation and Heat Absorption: A Numerical Analysis	12, 448-457	March 2023	0	0	doi:10.1166/jon.2023.1939
Kalpana,SRM IST,Kattankulathur;Shobana,SRM IST,Kattankulathur	Proceedings of the Jangjeon Mathematical Society	Forgotten Index of Duplication and Double Duplication of Graphs by Means of Degree Sequences	26 (2023), No. 1, pp. 11 - 21	March 2023	NA	0.64	http://dx.doi.org/10.17777/pjms2023.26.1.11
V. Subburayan	Computational and Applied Mathematics	Robust numerical method for space shift 2D singularly perturbed parabolic convection diffusion differential equations	(2023) 42:153	April 2023	2.998	1.13	https://doi.org/10.1007/s40314-023-02289-8
1. Chitra, R.(SRMIST, KTR) 2. Prabakaran, K.(SRMIST, KTR)	Journal of Intelligent & Fuzzy Systems	Employing q ⁻ -rung picture fuzzy Frank accumulation operators for decision-making strategy	44-45, 12	April 2023	1.737	0.7	DOI: 10.3233/JIFS-221889
S.Sangeetha, S K Tamilvanan, S.S. Santra, S. Noeiaghdam and M. Abdollahzadeh	AIMS Mathematics	Property A ⁻ of Third Order NonCanonical Functional Differential Equations with Positive and Negative Terms	8(6), 14167-14179	April 2023	2.739	1.03	DOI:10.3934/math.2023724
R. Kalpana, L. Shobana	Mathematics and Statistics	Inequalities for Forgotten Index of Duplication and Double Duplication of Graphs	11(2):400-404,2023	April 2023	NA	1.1	DOI: 10.13189/ms.2023.110219
R. Soundararajan, V. Subburayan & PatriciaJ.Y.Wong	Mathematics	Streamline Diffusion Finite Element Method for Singularly Perturbed 1D-Parabolic Convection Diffusion Differential Equations with Line Discontinuous Source	11, 2034	April 2023	2.592	1.16	https://doi.org/10.3390/math11092034
Mridul Patel, Jyotirmayee Behera and Pankaj Kumar	ENGINEERING OPTIMIZATION	Parametric approach for multi-objective enhanced interval linear fractional programming problem		April 2023	2.5	1.24	DOI: 10.1080/0305215X.2023.2195645
Nikita Naik, Siming Zheng and Harakrushna Behera	Physics of Fluids	Role of dual breakwaters and trenches on efficiency of an oscillating water column	35, 047115 (2023)	April 2023	4.98	NA	doi: 10.1063/5.0146004

Chia-Cheng Tsai, Harekrushna Behera, Tai-Wen Hsu	Archive of Applied Mechanics	Analysis of water wave interaction with multiple submerged semi-circular porous structures	93(7):1-17	April 2023	2.467	1.1	https://doi.org/10.1007/s00419-023-02402-7	
Senthil Kumar Prakasam, Arul Joseph Gnanaprakasam	Journal of Function Spaces	Solving Differential Equation via Orthogonal Branciari Metric Spaces		April 2023	1.281	0.71		
I. V. Muthukumar	Neutrosophic Sets and Systems	A study on n-HyperSpherical Neutrosophic matrices		April 2023	Nil	1.365		
Sivakumar.T, SRM Institute of Science and Technology, Kattankulathur 603203. T. Nirmala, SRM Institute of Science and Technology,	International Journal of Analysis and Applications	Symbolic Algorithm for Inverting General k-Tridiagonal Interval Matrices		April 2023	-	-		
.I.Narsu Sivakumar(Department of Mathematics, SRM IST, Chennai, Tamil Nadu, India)	Heat Transfer	Dynamics of Brownian motion and flux conditions on naturally unsteady thermophoretic flow with variable fluid properties		April 2023	3.75	1		
T.N.SAIBAVANI (SRM Institute of Science and Technology, Kattankulathur), N.PARVATHI (SRM Institute of Science and Technology, Kattankulathur)	Mathematical Modelling of Engineering Problems	Power Domination in Different Graphs with Applications	10(2), 546-550	April 2023	0.314	0.73	https://doi.org/10.18280/mmep.100222	
Abdulaziz M. Alanazi, R. Sriraman,, R. Gurusamy, S. Athithan, P. Vignesh, Zaid Bassfar, Adel R. Alharbi and Amer Aljaedi	AIMS Mathematics	System decomposition method-based global stability criteria for T-S fuzzy Clifford-valued delayed neural networks with impulses and leakage term	8(7): 15166–15188	April 2023	2.739	1.03	DOI: 10.3934/math.2023774	
Adel R. Alharbi5 and Amer Aljaedi5	Mathematical Modelling of Engineering Problems	Using Interval Parameters for Latest Start Time and Mission Floats Operation Networks		April 2023	0.314	0.73		
R. Sakthivel, G. Vijayalakshmi	Mathematical Modelling of Engineering Problems	Reliability Analysis for Multistate Consecutive k-out-of-n: F System Using Bayesian Network	Vol. 10, No. 2, pp. 613-620	May 2023	NIL	0.732	https://doi.org/10.18280/mmep.100231	
P. Vaidehi, J. Sasikumar	Thermal Science and Engineering Progress -- (Elsevier)	Darcy Flow of unsteady Casson Fluid subject to thermal radiation and Lorentz force on wavy walls: Case of Slip flow for small and large values of plastic dynamic viscosity.	42(1), 101885	May 2023	4.56	1.534	https://doi.org/10.1016/j.tsep.2023.101885	
Menaha Dhanraj, Arul Joseph Gnanaprakasam, Gunaseelan Mani, Rajagopalan Ramasamy, Khizar Hyatt Khan, Ola Ashour A. Abdelnaby and Stojan Radenavic	AIMS Mathematics	Fixed point theorem on an orthogonal extended interpolative ψ F - contraction	8(7), 16151-16164	May 2023	2.739	1.025	DOI: 10.3934/math.2023825	
Senthil Kumar Prakasam, Arul Joseph Gnanaprakasam	IAENG International Journal of Applied Mathematics	Solution of the Volterra Integral Equation in Orthogonal Partial Ordered Metric Spaces	53(2), 2-9	May 2023	NIL	0.743		
Prashant Kumar Pandey, Ritesh Kumar Dubey	Applied Mathematics and Computation	Sign stable arbitrary high order reconstructions for constructing non-oscillatory entropy stable schemes	454, 128099	May 2023	4.397	1.66	https://doi.org/10.1016/j.amc.2023.128099	
Krishnan Marimuthu(SRMIST), Jayaraman Uma(SRMIST)	Haceteppe Journal of Mathematics & Statistics	Coefficient estimates for starlike and convex functions associated with cosine function	52(3),596–618	May 2023	0.867	0.965	DOI :10.15672/hujms.1133174	
Ramakrishnan Kalaichelvan(SRMIST), Uma Jayaraman(SRMIST)	Journal of Mathematics and Computer Science	Generalized Hyers-Ulam stability of a bi-quadratic mapping in non-Archimedean spaces	31(2023),392–402	May 2023	Nil	0.632	doi: 10.22436/jmcs.031.04.04	
R. Krishna Kumari, R. Arulprakasam	IAENG International Journal of Applied Mathematics	Factors and Subwords of Rich Partial Words	53(2), 2-10	May 2023	nil	0.743		
B. Amutha., R. Perumal (SRMIST, KTR)	AIMS Mathematics	Public key exchange protocols based on tropical lower circulant and anti circulant matrices	8(7): 17307–17334	May 2023	2.739	1.025	DOI:10.3934/math.2023885	
A.Johny, E.Sujatha	ARPN Journal of Engineering and Applied Sciences	EFFECT OF MAGNETO HYDRODYNAMIC USING MICRO-POLAR FLUID BETWEEN CIRCULAR STEPPED PLATE	41(1), 135-142	May 2023	nil	0.374	https://doi.org/10.18280/jht.410114	
M.Faizan Ahmed, E.Sujatha	ARPN Journal of Engineering and Applied Sciences	Effects of Magnetohydrodynamic and Surface Roughness on Squeeze Film Characteristics between Parallel Stepped Plates with Micropolar Fluid	18(3), 191-199	May 2023	nil	0.374		
P. Vaidehi, J. Sasikumar	MATHEMATICS IN ENGINEERING, SCIENCE AND AEROSPACE	Thermo-diffusion and chemical reaction effect on MHD oscillatory flow of viscoelastic fluid in an asymmetric wavy channel under the influence of magnetic field.	Vol.14,No.2,373-394	May 2023	NIL	0.47		
H. MohammedYasin, M. Suresh, Girum Aklilu Abebe, and Samuel A.Fufa	Computational and Mathematical Methods in Medicine	Results on Certain Biopolymers Using M-Polynomial and NM-Polynomial of Topological Indices	2023, 4665805, 15 pages	May 2023	nil	0.963	https://doi.org/10.1155/2023/4668505	

Akbar Ali, Selvaraj Balachandran, Suresh Elumalai and TOUFIK MANSOUR	Mathematical Reports	ON N-VERTEX CHEMICAL GRAPHS WITH A FIXED CYCLOMATIC NUMBER AND MINIMUM GENERAL RANDIC' INDEX	25(75), 1, 113-122	May 2023	0.367	0.913	doi: 10.59277/mrar.2023.25.7 5.1.113	
N. Saranya, K. Suja	Statistical Convergence on Intuitionistic Fuzzy Normed Spaces over Non-Archimedean Fields	Statistical Convergence on Intuitionistic Fuzzy Normed Spaces over Non-Archimedean Fields	11(3): 586-591	May 2023	NIL	1.1	DOI: 10.13189/ms.2023.11031 6	
(1) I.M. Prasad(SRM), (2) H. Behara(SRM)	Ocean Engineering, Elsevier	Attenuation in hydroelastic response of floating- elastic-plate by porous membrane in two-layer fluid with bottom undulation	280, 114806	May 2023	4.372	2.095		