SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MATHEMATICS

JOURNAL PUBLICATIONS - [2012 - 2018]

S.NO	FACULTY NAME (Kindly Mention as Author/Co Author)	JOURNAL NAME	TITLE OF PAPER	NATIONAL/ INTERNATIONAL	DATE OF PUBLICATION	ISSUE/VOLUME/PAGE NO	IMPACT FACTOR	CITATION/H INDEX
1	P. Kumar, Bibaswan Dey & G.P. Raja Sekhar	International of Engineering Science	Nutrient transport through deformable cylindrical scaffold inside a bioreactor: An application to tissue engineering	International	Jun-18	127/(201-216	4.261	
2	B. Vennila	International of Pure and Applied Mathematics	Temperature Field of a Fluid Over a Stretching Sheet with Uniform Heat Flux by Variational Homotopy Perturbation Method	International	Jun-18	119(1)/111-119		H.index:21
3	J. Sasikumar and A. Govindarajan	International of Pure and Applied Mathematics	Effects of Suction and Injection on MHD Oscillatory Convective Flow in an Inclined Channel With Oscillating Wall Temperatures and Thermal Radiation	International	Jun-18	119(13)/289-297		H.index:21
4	Bibaswan Dey, G. P. Raja Sekhar, Sourav Kanti Mukhopadhyay	Journal of Biological Physics	In vivo mimicking model for solid tumor towards hydromechanics of tissue deformation and creation of necrosis	International	May-18	DOI:10.1007/s10867-018-9496-5	1.241	
5	D. Thanga Rajathi & J. John	Journal of Advanced Research in Dynamical & Control Systems	The Forcing Edge-to-Vertex Geodetic Domination Number of a Graph	International	May-18	10(4)/178-184	0.22	
6	P. Kumar, G. Panda & U. Gupta	Sadhana	Stochastic Programming Technique for Portfolio Optimization with Minimax Risk and Bounded Parameters	International	May-18	DOI:10.1007/s12046-018-0902-2	0.465	
7	G. Gajendran	International of Civil Engineering and Technology	Mathematically designed artificial neural networks with Gauss Newton algorithm	International	May-18	9(5)/1253-1259		H.Index:12
8	H. Behera, Chiu-On Ng & T. Sahoo	Ocean Engineering	Oblique Wave Scattering by a Floating Elastic Plate Porous Bed in Single and Two-layer Fluid Systems	International	Apr-18	159/280-294	1.894	
9	Varadharajan, R., Susmitha, R.	ARPN Journal of Engineering and Applied Sciences	Evaluation of performance measures of priority queues with fuzzy parameters using Alpha cut approach	International	Apr-18	13(7)/2636-2641		
10	G. Arul Joseph & S. Balamuralitharan	ARPN Journal of Engineering and Applied Sciences	A Mathematical Modeling and Simulation of Non Linear Ordinary Differential Equations using HPM	International	Apr-18	13(7)		
11	Bibaswan Dey, G. P. Raja Sekhar, P. S. Burada	Chemical Engineering Communications	Electrophoresis of a soft charged particle in a sparsely packed bed	International	Mar-18	205 /991-1010	1.297	
12	Nisha, Kesavan, S.	ARPN Journal of Engineering and Applied Sciences	Non-newtonian effects of load carrying capacity and frictional force using Rabinowitsh Fluid on the performance of inclined multi-stepped composite bearing	International	Feb-18	13(3)/814-821		
13	Athithan, S., Ghosh, M., Li, X.-Z.	Asian-European Journal of Mathematics	Mathematical modeling and optimal control of corruption dynamics	International	Jan-18			H.Index:10
14	Shruti Dubey, Sharad Dwivedi	Differ. Equ. Dyn. Syst.	On Controllability of a Two-Dimensional Network of Ferromagnetic Ellipsoidal Samples	International	Jan-18	DOI:10.1007/s12591-018-0407-9		
15	Sambath, P., Pullepu, B., Hussain, T., Ali Shehzad, S.	Results in Physics	Radiated chemical reaction impacts on natural convective MHD mass transfer flow induced by a vertical cone	International	Jan-18	8/304-315	0.946	
16	P. Kumar, G. Panda & U. Gupta	Arab Journal of Sciences Engineering	Multiobjective Efficient Portfolio Selection with Bounded Parameters	International	Jan-18	DOI:10.1007/s13369-018-3077-6		H.Index:27
17	M. Ramachandran & N. Parvathi	Journal of Mines, Metals and Fuels	The Medium Domination Number of Line Graph of Cartesian Product of Two Paths Pm and Pn	International	Jan-18	200-202		H.Index:9
18	Gupta, V., Kadalbajoo, M.K., Dubey, R	International of Computer Mathematics	A parameter-uniform higher order finite difference scheme for singularly perturbed time-dependent parabolic problem with two small parameters	International	2018	DOI:10.1080/00207160.2018.1432856		H.Index:38
19	A.D. Chandrasekaran, C. Ramkumar, E.P. Siva & N. Balaji	IOP Conference Series: Journal of Physics	Fuzzy Mathematical Models to Remove Poverty of Gypsies in Tamilnadu	International	2018	DOI:10.1088/1742-6596/1000/1/012059		H.index:59
20	N. Subashini & K. Thiagarajan	Journal of Advanced Research in Dynamical & Control Systems	A Special Study on Folding Automaton Techniques in Regular Planar Graphs	International	2018	10(5)	0.22	
21	N. Subashini & K. Thiagarajan	International of Pure and Applied Mathematics	Automaton for Connected Graph and its Complement Graph	International	2018	119(10)/981-988		H.index:21

22	N. Lakshmipathy, A. Praveen Prakash	International of Pure and Applied Mathematics	A Fuzzy Topsis Method to Analyze the Housemaids in Chennai City	International	2018	118(10)/377-388		H.index:21
23	A. Saraswathi & A. Praveen Prakash	International of Pure and Applied Mathematics	A Ranking Analysis of Triangular Fuzzy Cognitive Maps (TrFCM)	International	2018	119(11)/185-193		H.index:21
24	N. Subashini & K. Thiagarajan	IOP Conference Series: Journal of Physics	Folding Automaton for Trees	International	2018	DOI:10.1088/1742-6596/1000/1/012084		H.index:59
25	T. Sundaresan, G. Sheeja & A. Govind	IOP Conference Series: Journal of Physics	Different Treatment Stages in Medical Diagnosis using Fuzzy Membership Matrix	International	2018	DOI:10.1088/1742-6596/1000/1/012094		H.index:59
26	A. Govindarajan, S. Balamuralitharan & T. Sundaresan	IOP Conference Series: Journal of Physics	HPM of Estrogen Model on the Dynamics of Breast Cancer	International	2018	DOI:10.1088/1742-6596/1000/1/012095		H.index:59
27	T. Lawanya, M. Vidhya & A. Govindara	IOP Conference Series: Journal of Physics	Coutte Flow through a Porous Medium with Heat and Mass Transfer in the Presence of Tranverse Magnetic Field	International	2018	DOI:10.1088/1742-6596/1000/1/012160		H.index:59
28	J. Prakash, N. Balaji, E.P. Siva & M. Kothandapani	IOP Conference Series: Journal of Physics	Effect of Peristaltic Flow of a Third Grade Fluid in a Tapered Asymmetric Channel	International	2018	DOI:10.1088/1742-6596/1000/1/012165		H.index:59
29	J. Prakash, N. Balaji, E.P. Siva, M. Kothandapani & A. Govindarajan	IOP Conference Series: Journal of Physics	Effects of Magnetic Field on Peristalsis Transport of a Carreau Fluid in a Tapered Asymmetric Channel	International	2018	DOI:10.1088/1742-6596/1000/1/012166		H.index:59
30	N. Balaji, E.P. Siva, A.D. Chandrasekaran & V. Tamilazhagan	IOP Conference Series: Journal of Physics	Optimal Service using Matlab - simulink Controlled Queuing System at Call Centers	International	2018	DOI:10.1088/1742-6596/1000/1/012167		H.index:59
31	Mohamin B.M. & Harekrushna Behera	IOP Conference Series: Journal of Physics	Oblique Wave Scattering by Double Porous Structures	International	2018	DOI:10.1088/1742-6596/1000/1/012168		H.index:59
32	P. Agasthi & N. Parvathi	IOP Conference Series: Journal of Physics	On Some Labelings of Triangular Snake and Central Graph of Triangular Snake Graph	International	2018	DOI:10.1088/1742-6596/1000/1/012170		H.index:59
33	Lakshmi Priya S., Govindarajan A. and Sivakami L.	IOP Conference Series: Journal of Physics	Analysis of Magnetic Field between Two Different Permeable Membranes with Two Immiscible Fluids	International	2018	DOI:10.1088/1742-6596/1000/1/012171		H.index:59
34	M. Selvarani and A. Govindarajan	IOP Conference Series: Journal of Physics	Heat and Mass Transfer Effects on Nanofluid Past a Horizontally Inclined Plate	International	2018	DOI:10.1088/1742-6596/1000/1/012172		H.index:59
35	M. Selvarani and A. Govindarajan	IOP Conference Series: Journal of Physics	Radiative Fluid Flow of a Nanofluid over an Inclined Plate with Non-uniform Surface Temperature	International	2018	DOI:10.1088/1742-6596/1000/1/012173		H.index:59
36	P Sambath, Bapuji Pullepu and R M Kannan	IOP Conference Series: Journal of Physics	Radiative Effects on a Free Convective MHD Flow past a Vertically Inclined Plate with with Heat Source and Sink	International	2018	DOI:10.1088/1742-6596/1000/1/012011		H.index:59
37	Kannan R.M., Bapuji Pullepu & Y. Immanuel	IOP Conference Series: Journal of Physics	Numerical Study of Free Convective Viscous Dissipative Flow along Vertical Cone with Influence of Radiation using Network Simulation Method	International	2018	DOI:10.1088/1742-6596/1000/1/012012		H.index:59
38	Y. Immanuel, Bapuji Pullepu & P. Sambath	IOP Conference Series: Journal of Physics	Network Simulation Solution of Free Convective Flow from a Vertical Cone with Combined Effect of Non-uniform Surface Heat Flux and Heat Generation or Absorption	International	2018	DOI:10.1088/1742-6596/1000/1/012013		H.index:59
39	P. Uma Maheswari & K. Ganesan	IOP Conference Series: Journal of Physics	Solving Fully Fuzzy Transportation Problem using Pentagonal Fuzzy Numbers	International	2018	DOI:10.1088/1742-6596/1000/1/012014		H.index:59
40	C. Ramkumar, A.D. Chandrasekaran & E.P. Siva	IOP Conference Series: Journal of Physics	A Fuzzy Approach of Study to Improve the Status of Middle Class Family	International	2018	DOI:10.1088/1742-6596/1000/1/012025		H.index:59
41	L. Shobha & R. Kuppan	IOP Conference Series: Journal of Physics	On Face Antimagic Labeling of Double Duplication of Graphs	International	2018	DOI:10.1088/1742-6596/1000/1/012142		H.index:59
42	L. Shobana & Remigius Perpetua Mary	IOP Conference Series: Journal of Physics	On Cordial Labeling of Double Duplication for some Families of Graph	International	2018	DOI:10.1088/1742-6596/1000/1/012143		H.index:59
43	K. Rajesh, A. Govindarajan, M. Vidhya & E.P. Siva	IOP Conference Series: Journal of Physics	An Analysis of Oscillary Hydromagnetic Couette Flow through a Porous Medium in a Rotating system	International	2018	DOI:10.1088/1742-6596/1000/1/012145		H.index:59
44	R. Senthamarai and T.N. Saibavani	IOP Conference Series: Journal of Physics	Substrate mass transfer: analytical approach for immobilized enzyme reactions	International	2018	DOI:10.1088/1742-6596/1000/1/012146		H.index:59
45	R. Gayathri, A. Govindarjan & R. Sasikala	IOP Conference Series: Journal of Physics	Three-dimensional Coutte Flow of Dusty Fluid with Heat Transfer in the Presence of Magnetic Field	International	2018	DOI:10.1088/1742-6596/1000/1/012147		H.index:59
46	R. Sasikala, A. Govindarajan & R. Gayathri	IOP Conference Series: Journal of Physics	Unsteady Stokes Flow of Dusty Fluid between Two Parallel Plates through Porous Medium in the Presence of Magnetic Field	International	2018	DOI:10.1088/1742-6596/1000/1/012151		H.index:59
47	E Melita Vinoliah and K Ganesan	IOP Conference Series: Journal of Physics	Fuzzy optimal solution for a fuzzy assignment problem with octagonal fuzzy numbers	International	2018	DOI:10.1088/1742-6596/1000/1/012016		H.index:59
48	G. Krishnaveni & K. Ganesan	IOP Conference Series: Journal of Physics	A New Approach for the Solution of Fuzzy Games	International	2018	DOI:10.1088/1742-6596/1000/1/012017		H.index:59

49	M. Balaganesan & K. Ganesan	IOP Conference Series: Journal of Physics	An Approach to solve Replacement Problems under Intuitionistic Fuzzy Nature	International	2018	DOI:10.1088/1742-6596/1000/1/012018		H.index:59
50	Nisha & Sundarammal Kesavan	IOP Conference Series: Journal of Physics	Performance of Transverely Triangular Plates with Jeffrey Fluid	International	2018	DOI:10.1088/1742-6596/1000/1/012019		H.index:59
51	G. Lavanya, Vidhyacharan Bhaskar & Sundarammal Kesavan	IOP Conference Series: Journal of Physics	Performance Evaluation of a M/Geo[xy]/1 Queue with Varying Probabilities of Success which Treats Two Like Jobs as a Single Entity	International	2018	DOI:10.1088/1742-6596/1000/1/012020		H.index:59
52	B. Vijayakumar & Sundarammal Kesavan	IOP Conference Series: Journal of Physics	Effects of Pressure Distribution on Parallel Circular Porous Plates with Combined effect of Piezo-viscous Dependency and Non-Newtonian Couple Stress Fluid	International	2018	DOI:10.1088/1742-6596/1000/1/012021		H.index:59
53	N. Parvathi & A. Vimala Rani	IOP Conference Series: Journal of Physics	Upper Bound for the Span of Pencil Graph	International	2018	DOI:10.1088/1742-6596/1000/1/012032		H.index:59
54	J. Sasikumar, S. Bhuvaneswari and A. Govindarajan	IOP Conference Series: Journal of Physics	Diffusion of Chemically Reactive Species in MHD Oscillatory Flow with Thermal Radiation in the Presence of Constant Suction and Injection	International	2018	DOI:10.1088/1742-6596/1000/1/012033		H.index:59
55	J. Sasikumar and A. Govindarajan	IOP Conference Series: Journal of Physics	Soret Effect on Chemically Radiating MHD Oscillatory Flow with Heat Source through Porous Medium in Asymmetric Wavy Channel	International	2018	DOI:10.1088/1742-6596/1000/1/012034		H.index:59
56	E. Sujatha & Sundarammal Kesavan	IOP Conference Series: Journal of Physics	Combined Effect of Viscosity Variation on Rough Porous Rectangular Plates with Magnetohydrodynamic Effect	International	2018	DOI:10.1088/1742-6596/1000/1/012035		H.index:59
57	R. Nagarathinam & N.Parvathi	IOP Conference Series: Journal of Physics	Study of Chromatic Parameters of Line, total, Middle Graphs and Graph Operators of Bipartite Graph	International	2018	DOI:10.1088/1742-6596/1000/1/012036		H.index:59
58	S. Dhanalakshmi & N. Parvathi	IOP Conference Series: Journal of Physics	Mean Square Cardial Labeling Related to Some Acyclic Graphs and its Rough Approximation	International	2018	DOI:10.1088/1742-6596/1000/1/012040		H.index:59
59	V. Vidhya & K. Ganesan	IOP Conference Series: Journal of Physics	Efficient Solution of a Multi-objective Fuzzy Transportation Problem	International	2018	DOI:10.1088/1742-6596/1000/1/012132		H.index:59
60	N.Sandhiya and R Varadharajan	IOP Conference Series: Journal of Physics	A Study on Multi Server Queuing Models Using Interval Number	International	2018	DOI:10.1088/1742-6596/1000/1/012133		H.index:59
61	Nirmal T and Ganesan K	IOP Conference Series: Journal of Physics	Modified Crout's Method for an LU Decomposition of an Interval Matrix	International	2018	DOI:10.1088/1742-6596/1000/1/012134		H.index:59
62	Sivakami L., Govindarajan A. and Laks	IOP Conference Series: Journal of Physics	Dufour effects on Unsteady MHD Free Convective Flow of Two Immiscible Fluid in a Horizontal Chennal Under Chemical Reaction and Heat Source	International	2018	DOI:10.1088/1742-6596/1000/1/012001		H.index:59
63	A. Govindarajan, R. Vijayalakshmi & V.	IOP Conference Series: Journal of Physics	Combined effects of Heat and Mass Transfer to Magnetohydrodynamics Oscillatory Dusty Fluid flow in a Porous Channel	International	2018	DOI:10.1088/1742-6596/1000/1/012003		H.index:59
64	S. Sheeba Juliet, M. Vidhya, A. Govind	IOP Conference Series: Journal of Physics	Investigation on the effect of Injection on a Vertical Plate in a Porous Medium with Transportation Cooling and Heat Source	International	2018	DOI:10.1088/1742-6596/1000/1/012005		H.index:59
65	S. Sangeetha & Sundarammal Kesava	IOP Conference Series: Journal of Physics	Pressure Distribution with Surface Roughness for Effect between Porous Infinitely Long Rectangular Plates with MHD Couple Stress Squeeze Film Lubrication	International	2018	DOI:10.1088/1742-6596/1000/1/012006		H.index:59
66	N. Niranjana, M. Vidhya, A. Govindaraj	IOP Conference Series: Journal of Physics	Coutte Flow of an Incompressible Fluid in a Porous Channel with Mass Transfer	International	2018	DOI:10.1088/1742-6596/1000/1/012007		H.index:59
67	K. Prabakaran & K. Ganesan	IOP Conference Series: Journal of Physics	Fuzzy Hungarian Method for Solving Intuitionistic Fuzzy Travelling Salesman Problems	International	2018	DOI:10.1088/1742-6596/1000/1/012008		H.index:59
68	R. Saranya and R. Varadharajan	IOP Conference Series: Journal of Physics	A Fuzzy Inventory Model with Acceptable Shortage using Graded Mean Integration Value Method	International	2018	DOI:10.1088/1742-6596/1000/1/012009		H.index:59
69	T. Karthy & K. Ganesan	IOP Conference Series: Journal of Physics	Fuzzy Multiobjective Transportation Problem - Evolutionary Algorithm Approach	International	2018	DOI:10.1088/1742-6596/1000/1/012004		H.index:59
70	G. Ramesh, G. Sudha & K. Ganesan	IOP Conference Series: Journal of Physics	A Novel Approach for the Solution of Multi Objective Interval Transportation Problem	International	2018	DOI:10.1088/1742-6596/1000/1/012010		H.index:59
71	V. Visalakshi & V. Suvitha	IOP Conference Series: Journal of Physics	Performance Measure of Fuzzy Queue using Pentagonal Fuzzy Numbers	International	2018	DOI:10.1088/1742-6596/1000/1/012015		H.index:59
72	V. Geetha & Balamuralitharan S.	IOP Conference Series: Journal of Physics	Stability analysis of host dynamics for hiv	International	2018	DOI:10.1088/1742-6596/1000/1/012022		H.index:59
73	S. Balamuralitharan & S. Geethamalini	IOP Conference Series: Journal of Physics	Solutions of the epidemic of EIAV infection by HPM	International	2018	DOI:10.1088/1742-6596/1000/1/012023		H.index:59
74	D. Seethalakshmi & S. Balamuralithara	IOP Conference Series: Journal of Physics	Oscillatory Behavior of Nonlinear Delay Differen tial Equation	International	2018	DOI:10.1088/1742-6596/1000/1/012037		H.index:59
75	S. Sindhu Devi & K. Ganesan	IOP Conference Series: Journal of Physics	Fuzzy Picard's method for derivatives of second order	International	2018	DOI:10.1088/1742-6596/1000/1/012038		H.index:59
76	G. Arul Joseph & S. Balamuralitharan	IOP Conference Series: Journal of Physics	A Nonlinear differential equation model of Asthma effect of environmental pollution using LHAM	International	2018	DOI:10.1088/1742-6596/1000/1/012043		H.index:59

77	E Nandakumar, R Venkatesan & S Hemanthkumar	IOP Conference Series: Journal of Physics	CELLULAR BASIS AND DIMENSIONS OF CELL MODULES OF PARTY ALGEBRAS	International	2018	DOI:10.1088/1742-6596/1000/1/012045		H.index:59
78	R. Senthamarai & R. Jana Ranjani	IOP Conference Series: Journal of Physics	Solution of non-steady-state substrate concentration in the action of biosensor response at mixed enzyme kinetics	International	2018	DOI:10.1088/1742-6596/1000/1/012138		H.index:59
79	R. Senthamarai & T. Vijayalakshmi	IOP Conference Series: Journal of Physics	An analytical approach to top predator interference on the dynamics of a food chain model	International	2018	DOI:10.1088/1742-6596/1000/1/012139		H.index:59
80	Sivakumar Narsu & Rushi Kumar B	IOP Conference Series: Journal of Physics	Comparative study of chemically reacting Blasius and Sakiadis unsteady MHD radiated flow with variable conductivity	International	2018	DOI:10.1088/1742-6596/1000/1/012149		H.index:59
81	R. Perumal, R. Arulprakasam & M. Rad	IOP Conference Series: Journal of Physics	A Note on Ideals in Semi-near Rings	International	2018	DOI:10.1088/1742-6596/1000/1/012150		H.index:59
82	M Radhakrishnan, N Elumalai, R Perumal and R Arulprakasam	IOP Conference Series: Journal of Physics	Idempotent Circulant Matrices	International	2018	DOI:10.1088/1742-6596/1000/1/012154		H.index:59
83	R Arulprakasam, R Perumal, M Radhakrishnan and V R Dare	IOP Conference Series: Journal of Physics	Rough Finite State Automata and Rough Languages	International	2018	DOI:10.1088/1742-6596/1000/1/012155		H.index:59
84	B Madhusudhana Rao, M Krishna Murthy , N Sivakumar , B Rushi Kumar, C S K Raju	IOP Conference Series: Journal of Physics	Slip Effects On MHD Three Dimensional Flow Of Casson Fluid Over An Exponentially Stretching Surface	International	2018	DOI:10.1088/1742-6596/1000/1/012156		H.index:59
85	V Visalakshi and Sheshma kiran kumari	IOP Conference Series: Journal of Physics	Mathematical model forproduction of an industry focusing on worker status	International	2018	DOI:10.1088/1742-6596/1000/1/012157		H.index:59
86	Shreemathi Adiga, A Saraswathi and A Praveen Prakash	IOP Conference Series: Journal of Physics	A Ranking Analysis/An Interlinking Approach of New Triangular Fuzzy Cognitive Maps and Combined Effective Time Dependent Matrix	International	2018	DOI:10.1088/1742-6596/1000/1/012159		H.index:59
87	K. Jeyalakshmi	IOP Conference Series: Journal of Physics	Duality in Non-linear Programming	International	2018	DOI:10.1088/1742-6596/1000/1/012163		H.index:59
88	S Balamuralitharan and M Radha	IOP Conference Series: Journal of Physics	Bifurcation analysis in SIR epidemic model with treatment	International	2018	DOI:10.1088/1742-6596/1000/1/012169		H.index:59
89	K Suja and V Srinivasan	IOP Conference Series: Journal of Physics	Weighted Statistical Convergence of Double Sequences in Non-Archimedean Fields	International	2018	DOI:10.1088/1742-6596/1000/1/012174		H.index:59
90	P Uma Maheswari and K Ganesan	International of Pure and Applied Mathematics	Extending Linear Approaches to Solve fuzzy Quadratic Programming Problem	International	2018	119(9)/415-425		H.index:21
91	G Krishnaveni and K Ganesan	International of Pure and Applied Mathematics	A new approach for the solution of two person zero sum fuzzy games	International	2018	119(9)/405-414		H.index:21
92	M Balaganesan and K Ganesan	International of Pure and Applied Mathematics	An approach to find the critical path in intuitionistic fuzzy environment	International	2018	119(9)/395-403		H.index:21
93	Saraswathi, A., Praveen Prakash, A.,	International of Pure and Applied Mathematics	A study on transgender problems using fuzzy linguistic relational maps (FLRMs)	International	2018	119(9)/323-331		H.index:21
94	G Ramesh, G Sudha and K Ganesan	International of Pure and Applied Mathematics	Solution of two vehicle cost varying internal transportation problem - a new approach	International	2018	119(9)/363-372		H.index:21
95	Karthy, T., Ganesan, K.	International of Pure and Applied Mathematics	Multiobjective Transportation Problem - Genetic Algorithm Approach	International	2018	119(9)/343-350		H.index:21
96	R.Varadharajan and Fabian Sangma	International of Pure and Applied Mathematics	Fuzzy EOQ Model for Deteriorating Items with Price Dependent Demand using Graded Mean Integration Value	International	2018	119(9)/351-361		H.index:21
97	V. Vidhya & K. Ganesan	International of Pure and Applied Mathematics	Different Approach for the Solution of Multi-objective Fuzzy Transportation Problems	International	2018	119(9)/373-383		H.index:21
98	E Melita Vinoliah and K Ganesan	International of Pure and Applied Mathematics	Solution to a multi-objective fuzzy transportation problem - a new approach	International	2018	119(9)/385-393		H.index:21
99	Subburayan, V., Mahendran, R.	Applied Mathematics and Computation	An ε-uniform numerical method for third order singularly perturbed delay differential equations with discontinuous convection coefficient and source term	International	2018	331/404-415	1.738	
100	D.Thanga Rajathi, J. John	Journal of Advanced Research in Dynamical & Control Systems	Forcing Edge to Vertex Domination Number and Upper Forcing Edge to Vertex Domination Number of a Graph	International	2018	10(1)/289	0.22	
101	S. Vidyanandini & N.Parvathi	International of Pure and Applied Mathematics	Square Difference Labeling for Complete Bipartite Graphs and Trees	International	2018	118(10)/427-434		H.index:21
102	R. Nagarathinam & N.Parvathi	International of Pure and Applied Mathematics	Analysing Parameters for Coloring of Middle and Total Graph of Join of Path and Complete Graphs	International	2018	119(12)/2975-2992		H.index:21
103	P. Agasthi, N. Parvathi	International of Pure and Applied Mathematics	On Some Labeling of Quadrilateral Snake	International	2018			H.index:21

104	S. Vidyanandini & N.Parvathi	International of Pure and Applied Mathematics	On Edge Irregularity Strength of Complete Graphs and Complete Bipartite Graphs	International	2018	119(14)/341-344		H.index:21
105	Biswarup Biswas & Ritesh Kumar Dubey	Adv. Comput. Math.	Low Dissipative Entropy Stable Schemes using Third Order WENO and TVD Reconstructions	International	Dec-17	DOI:10.1007/s10444-017-9576-2	1.316	
106	Vennila, B.	ARPN Journal of Engineering and Applied Sciences	Ezlaki transform homotopy perturbation method for temperature field of a fluid over a stretching sheet with uniform heat flux	International	Dec-17	12(23)/ 6712-6715		
107	K. Prabakaran & K. Ganesan	International of Civil Engineering and Technology	Duality Theory for Intuitionistic Fuzzy Linear Programming Problems	International	Nov-17	8(11)/546-560		H.Index:12
108	Vennila, B., Akilandeswari, P.	International of Civil Engineering and Technology	Q-homotopy analysis method for temperature field of a fluid over a stretching sheet with uniform heat flux	International	Nov-17	8(11)/1041-1049		H.Index:12
109	Behera, H., Ng, C.-O.	Meccanica	Interaction between oblique waves and multiple bottom-standing flexible porous barriers near a rigid wall	International	Nov-17	53(4-5)/871-885		H.Index:44
110	Nisha, Kesavan, S.	ARPN Journal of Engineering and Applied Sciences	Frictional effect and load carrying capacity in porous inclined multi stepped composite bearings with couple stress fluids	International	Sep-17	12(17)/5078-5087		
111	Vennila, B.	International of Pure and Applied Mathematics	Coutte Flow of a Gas by Elzaki Transform	International	Sep-17	116(1)/263-267		H.index:21
112	Ritesh Kumar Dubey & Sabana Parvin	Differ. Equ. Dyn. Syst.	An Investigation on Three Point Explicit Schemes and Induced Numerical Oscillations	International	Aug-17	DOI:10.1007/s12591-017-0382-6		
113	C. Airiau, Jean Marie Buchot, R.K. Dubey, M. Fournie, Jean-Pierre Raymond & Jessie Weller-Calvo	SIAM J. SCI. COMPUT.	Stabilization and Best Actuator Location for the Navier-Stokes Equations	International	Aug-17	39(5)/B993-B1020	2.96	
114	Dwivedi, S., Dubey, S.	Journal of Applied Analysis	On the stability of steady-states of a two-dimensional system of ferromagnetic nanowires	International	Aug-17	23(2)/89-100		H.Index:13
115	Balamuralitharan	Mathematical Science Letter	Majorant Cauchy Problem of a Priori Inequality with Nonlinear Fractional Differential Equations	International	Aug-17	6(3)/299-303		
116	S. Mohanaselvi & K. Ganesan	International of Civil Engineering and Technology	A New Approach for Solving Linear Fuzzy Fractional Transportation Problem	International	Aug-17	8(8)/1123-1129		H.Index:12
117	Varadharajan, R.	International of Innovative Research in Engineering & Management	A Study on Buyer Behaviour and Brand Loyality of Toilet Soaps in Perambalur Town (Tamil Nadu)	International	Jul-17	4(4)	4.035	
118	Serap Bulut, Nanjundan Magesh & Chinnaswamy Abirami	Electronic Journal of Mathematical Analysis and Applications	A Comprehensive Class of Analytic Bi-univalent functions by Means of Chebyshev Polynomials	International	Jul-17	8(2)/32-39		
119	Mahendran, R., Subburayan, V.	International of Computational Methods	Fitted Finite Difference Method for Third Order Singularly Perturbed Delay Differential Equations of Convection Diffusion Type	International	May-17		1.053	H.Index:27
120	H. Behera, Chiu-On Ng	The 32nd International Workshop on Water Waves and Floating Bodies	Oblique Wave Scattering by a System of Floating and Submerged Porous Elastic Plates	International	Apr-17			
121	E. Sujatha & Sundarammal Kesavan	ARPN Journal of Engineering and Applied Sciences	Performance of a Porous Parallel Elliptic Plates Lubricated with couple Stress Fluids Considering the Effect of Slip Velocity and Viscosity Variation	International	Mar-17	12(6)		H.Index:15
122	Kuppala R. Sekhar, G. Viswanatha Reddy, Chakravarthula S.K. Raju, Bapuji Pullepu, Rakesh Kumar & Sabir Ali Shehzad	International of Nanoparticles	Aligned Magnetic Dipole in Nonlinear Radiative Falkner-Skan Flow of Casson Fluid Over a Wedge Containing Suspension of Nanoparticles and Microorganisms	International	2017	9(4)/213		H.Index:11
123	Saraswathi A. and Praveen Prakash A.	International of Pure and Applied Mathematics	To Analyze of Social Problems / A Combined Fuzzy Cognitive Maps Approach	International	2017	117(5)/21-33		H.Index:21
124	Saraswathi A. and Praveen Prakash A.	International of Pure and Applied Mathematics	An Application of Hexagonal Fuzzy Numbers using DEMATEL Algorithm	International	2017	117(14)/1-7		H.Index:21
125	Behera, H., Das, S., Sahoo, T.	Wave Motion	Wave propagation through mangrove forests in the presence of a viscoelastic bed	International	2017	78/162-175		
126	Sukhendu Ghosh	Fluids	Relative Effects of Asymmetry and Wall Slip on the Stability of Plate Channel Flow	International	2017	2(66)/DOI:10.3390/fluids2040066		
127	A. Saraswathi & A. Praveen Prakash	International of Pure and Applied Mathematics	To Analyzse the Social Problems / A Combined Fuzzy Cognitive Maps Approach	International	2017	117(5)/21-33		
128	Tamilvanan, S., Thandapani, E., Grace	International of Dynamical Systems and Differential Equations	Oscillation theorems for second-order non-linear differential equation with a non-linear neutral term	International	2017	7(4)/316-327		
129	Sambath, P., Kannan, R.M., Pullepu, B.	International of Pure and Applied Mathematics	Free convection flow past from horizontally inclined plate in thermally stratified medium	International	2017	114(12)/313-322		H.index:26
130	D.Thanga Rajathi, J. John	International of Pure and Applied Mathematics	The Lower and Upper Edge-to-Vertex Domination Numbers of a Graph	International	2017	116(21)/821-835		H.index:26
131	S. Tamilvanan, E. Thandapani & J. Dzurina	Differential Equations and Applications	Oscillation of Second Order Nonlinear Differential Equations with Sub-linear Neutral Term	International	2017	9(1)/29-35		

132	Dwivedi, S., Dubey, S.	Materials Today: Proceedings	On the Evolution of Transverse Domain Walls in Biaxial Magnetic Nanowires	International	2017	4(9), pp. 10555-10559		
133	Gupta, V.K., Shukla, P., Torrilhon, M.	Journal of Fluid Mechanics	Higher-order moment theories for dilute granular gases of smooth hard spheres	International	2017	836, pp. 451-501		
134	Gupta, V.K., Shukla	Indian Academy of Sciences Conference Series	Grand-type Fourteen-moment Theory for Dilute Granular Gases	International	2017	DOI:10.29195/iases.01.01.0005		
135	Senthilkumar M and Arul Joseph G	International of Pure and Applied Mathematics	Stability Analysis for a Fractional Order Differential Equation Model of HIV Infection of CD4+T-Cells with Independent Time Delays	International	2017	113(13)/30-38		H.index:21
136	Senthilkumar M and Arul Joseph G	International of Pure and Applied Mathematics	Stability Analysis for a Fractional Order Differential Equation Model of HIV Infection of CD4+T-Cells	International	2017	109(9)/221-229		H.index:21
137	V. Padma & K. Bhuvaneswari	International of Pure and Applied Mathematics	Identification of Discrete Event Systems using Petri net Reduction	International	2017	114(6)/21-29		H.index:21
138	A. Arockia Jenifer & R. Varadharajan	International of Pure and Applied Mathematics	A Study on Environmentally Sustainable Inventory Model with Shortages	International	2017	114(6)/227-234		H.index:21
139	N.Balaji	International of Pure and Applied Mathematics	Efficiency of Controlled Queue System in Supermarket using Matlab/Simulink	International	2017	114(6)/283-288		H.index:21
140	S.Dhanalakshmi & N.Parvathi	International of Pure and Applied Mathematics	Even Graceful Labeling of Rough Approximations for P_n and Star related Graphs	International	2017	114(6)/31-40		H.index:21
141	R.Vijayalakshmi & A.Govindarajan	International of Pure and Applied Mathematics	Chemically Reacting MHD Oscillatory Slip Flow in an Asymmetric Chanel with both Concentration and Temperature variatior	International	2017	114(6)/61-66		H.index:21
142	L.Shobana & B.Roopa	International of Pure and Applied Mathematics	On Face Magic Labeling of Double Duplication of Some Families of Graphs	International	2017	114(6)/49-60		H.index:21
143	Nisha & Sundarammal Kesavan	International of Pure and Applied Mathematics	Effect of Frictional Force and Load Carrying Capacity of Couple Stress on the Performance of Pivoted Curved Slider Bearing	International	2017	114(5)/55-61		H.index:21
144	C.S.Hariram Kumar & N.Parvathi	International of Pure and Applied Mathematics	Rainbow Vertex Coloring for Central and Total Graph of Star Graph	International	2017	114(1)/17-27		H.index:21
145	T.Leelavathy & K. Ganesan	International of Pure and Applied Mathematics	A Compromise Solution to Multi Objective Fuzzy Assignment Problem	International	2017	113(13)/226-235		H.Index:21
146	B. Vijayakumar & Sundarammal Kesavan	International of Pure and Applied Mathematics	Non-Newtonian Effects of Incompressible Second Order Fluid on Equilateral Triangular Plates	International	2017	113(13)/301-309		H.index:21
147	E.Melita Vinoliah & K. Ganesan	International of Pure and Applied Mathematics	Solution of Fuzzy Transportation Problem:A New Approach	International	2017	113(13)/20-29		H.index:21
148	P.Uma Maheshwari & K. Ganesan	International of Pure and Applied Mathematics	A Solution Approach to Fuzzy Non-linear Programming Problems	International	2017	113(13)/291-300		H.index:21
149	S.Sangeetha & Sundarammal Kesavan	International of Pure and Applied Mathematics	Squeeze Film Characteristics of Infinitely Long Rectangular Plates Lubricated by Incompressible Second Order Fluid	International	2017	113(13)/282-290		H.index:21
150	P.Sambath, Bapuji Pullepu & Teja Athithya	International of Pure and Applied Mathematics	Effects of Mass Transfer on MHD Flow Past a Vertical Plate with Radiation Heat Source and Chemical Reaction	International	2017	113(13)/85-96		H.index:21
151	Kannan R.M. & Bapuji Pullepu	International of Pure and Applied Mathematics	Free Convective Flow from Vertical Cone with Heat Generation in the Presence of Variable Surface Heat Flux	International	2017	113(13)/180-188		H.index:21
152	Bapuji Pullepu & Selvarani M.	International of Pure and Applied Mathematics	Radiactive Free Convective Flow Past from an Inclined Plate in a Thermally Stratified Medium	International	2017	113(13)/310-319		H.index:21
153	K.V.Vijayashree & A.Anjuka	International of Pure and Applied Mathematics	Fluid Queue Modulated by an M/M/1/N Queue Subject to Multiple Exponential Working Vacation	International	2017	113(13)/153-162		H.index:21
154	R.Nagarathinam & N. Parvathi	International of Pure and Applied Mathematics	Grundy Coloring and b-coloring of Graph of Some Special Graphs of Join of Path and Complete Graph	International	2017	113(13)/189-197		H.index:21
155	E.P.Siva, A.Govindarajan, S.Srinivas & M.Vidhya	International of Pure and Applied Mathematics	Thermal Radiation Effect on MHD Peristaltic Transport of a Couple Stress Nanofluid in a Tapered Asymmetric Channel	International	2017	113(13)/106-114		H.index:21
156	L.Sivakami, A.Govindarajan & E.P.Siva	International of Pure and Applied Mathematics	Effects of Heat and Mass Transfer on the Unsteady Free Convective Immiscible Fluid Flow through a Horizontal Channel under the Influence of Magnetic Field and Chemical Reaction	International	2017	113(13)/65-74		H.index:21
157	L.S.Senthilkumar	International of Pure and Applied Mathematics	Triangular Approximation of Fuzzy Numbers – A New Approach	International	2017	113(13)/115-121		H.index:21
158	S.Mayilvaganan, N.Magesh & N.B.Gatti	International of Pure and Applied Mathematics	On Certain Subclasses of Meromorphic Functions with Positive Coefficients Associated with Liu-Srivastava Linear Operator	International	2017	113(13)/130-141		H.index:21
159	M.Senthilkumaran & G.Arul Joseph	International of Pure and Applied Mathematics	Stability Analysis for a Fractional Differential Equation Model of HIV Infection of CD4+T-Cells with Independent Time Delays	International	2017	113(13)/30-38		H.index:21
160	R.Kalyanaraman & V.Suvitha	International of Pure and Applied Mathematics	A Restricted Admissible Multiple Vacation Queue with Three Type of Services	International	2017	113(13)/10-19		H.index:21
161	N.Elumalai & M.Radhakrishnan	International of Pure and Applied Mathematics	Mersenne Rectangular GCD Matrices and their Generalized Inverse	International	2017	113(13)/49-55		H.index:21
162	R.Arulprakasam & R. Perumal	International of Pure and Applied Mathematics	Fuzzy Local ω-Partial Systems	International	2017	113(13)/1-9		H.index:21
163	V.Mohanaselvi & M.Suresh	International of Pure and Applied Mathematics	A Study on Detour Radial Graph of Cycle Graphs, Graph Permutation and Inversion	International	2017	113(13)/39-48		H.index:21
164	K.Jeyalakshmi	International of Pure and Applied Mathematics	Optimal Criteria without Constraint Qualification	International	2017	113(3)/245-251		H.index:21
165	L.Shobana & B.Vasuki	International of Pure and Applied Mathematics	Signed Product Cordial Labeling on Some Connected Graph	International	2017	113(13)/198-207		H.index:21

166	T.Sundaresan, A.Govindarajan & S.Balamuralitharan	International of Pure and Applied Mathematics	A Local and Global Stability Analysis of Eastrogen – Free Model on the Dynamics of Breast Cancer	International	2017	113(13)/75-84	H.index:21
167	S.Sindu Devi & K.Ganesan	International of Pure and Applied Mathematics	An Approximate Solution of Fuzzy Ordinary Differential Equations by Taylor's Method	International	2017	113(13)/236-244	H.index:21
168	S.Lakshmi Priya, A.Govindarajan & L.Sivakami	International of Pure and Applied Mathematics	Heat and Mass Transfer Effect on MHD Convective Flow of Immiscible Fluid in a Horizontal Channel in the Presence of Chemical Reaction and Heat Source	International	2017	113(13)/252-261	H.index:21
169	S.Balamuralitharan & S.Geethamalini	International of Pure and Applied Mathematics	Parameter Estimation of Model for EIAV Infection using HPM	International	2017	113(12)/196-204	H.index:21
170	N.Sivakumar, CSK Raju & B.Rushi Kumar	International of Pure and Applied Mathematics	Blasius and Sakiadis Flow of MHD Casson on Fluid with Heat Source or Sink	International	2017	113(12)/142-150	H.index:21
171	G.Ravi Kiran, Santhosh Nallapu & G.Radhakrishnamacharya	International of Pure and Applied Mathematics	Effect of Peristalsis on Dispersion in a Chemically Reactive Jeffrey Fluid Flow with Wall Properties	International	2017	113(12)/38-46	H.index:21
172	N.Balaji	International of Pure and Applied Mathematics	Optimal Resource Model using Matlab/Simulink Controlled Queueing System using Multiserver at Major Fuel Stations	International	2017	113(12)/221-229	H.index:21
173	R.Senthamarai, S.Balamuralitharan & A.Govindarajan	International of Pure and Applied Mathematics	Application of Homotopy Analysis Method in SIRS-SI Model of Malaria Disease	International	2017	113(12)/239-248	H.index:21
174	V.Visalakshi	International of Pure and Applied Mathematics	Somewhat soft Fuzzy Almost G_δ Pre continuous Function in Soft Fuzzy Topological Space	International	2017	113(12)/11-20	H.index:21
175	G.Lavanya, Vidhyacharan Bhaskar & Sundarammal Kesavan	International of Pure and Applied Mathematics	Performance Evaluation of a Single M/Geo/1 Queue Capable of Handling Two Like Jobs as a Single Entity	International	2017	113(12)/67-78	H.index:21
176	M.Parimala, D.Arivuoli & R.Perumal	International of Pure and Applied Mathematics	On Some Locally Closed Sets in Ideal Minimal Spaces	International	2017	113(12)/230-238	H.index:21
177	M.Parimala, C.Indirani & R.Perumal	International of Pure and Applied Mathematics	On Intuitionistic Fuzzy Contra ψ-Continuous Mappings in Topological Spaces	International	2017	113(12)/107-114	H.index:21
178	Niranjana, M.Vidhya & A.Govindarajan	International of Pure and Applied Mathematics	Effect of Chemical Reaction on MHD Free Convection Flow through Porous Medium with Suction and Heat Flux	International	2017	113(12)/205-214	H.index:21
179	E.Priyadharshini, A.Govindarajan & Sharon Preethi	International of Pure and Applied Mathematics	An Hybrid Approach for Forecasting the Net Asset Values of Indian Mutual Funds	International	2017	113(12)/215-220	H.index:21
180	D.Prakash & P.Suriyakumar	International of Pure and Applied Mathematics	Transient Hydromagnetic Convective Flow of Nanofluid between Asymmetric Vertical Plates with Heat Generation	International	2017	113(12)/1-10	H.index:21
181	E.Sujatha & Sundarammal Kesavan	International of Pure and Applied Mathematics	Analysis of the Performance of Porous Triangular Plates Lubricated with Couple Stress Fluids considering the Effect of Slip Velocity and Viscosity Variation	International	2017	113(11)/161-169	H.index:21
182	S.Balamuralitharan & M. Radha	International of Pure and Applied Mathematics	Stability Analysis of Cholera-Carrier Dependent Infectious Disease	International	2017	113(11)/234-242	H.index:21
183	S.Balamuralitharan & V. Geetha	International of Pure and Applied Mathematics	Analytical Approach to Solve the Model for HIV Infection of CD4T using LADM	International	2017	113(11)/243-251	H.index:21
184	V. Padma & K. Bhuvaneswari	International of Pure and Applied Mathematics	Analysis and Optimization of Discrete Event Systems using Petri nets	International	2017	113(11)/1-10	H.index:21
185	A.Vimala Rani & N. Parvathi	International of Pure and Applied Mathematics	Radio Coloring for Families of Bistar Graphs	International	2017	113(11)/75-83	H.index:21
186	Santhosh Nallapu & G.Radhakrishnamacharya	International of Pure and Applied Mathematics	Effect of Slip in a Two-Fluid Model of Couple Stress Fluid Flow through a Porous Medium in a Narrow Channel	International	2017	113(11)/55-64	H.index:21
187	Santhosh Nallapu, G.Radhakrishnamacharya & G.Ravi Kiran	International of Pure and Applied Mathematics	Effects of Magnetic Field and Slip on a Two-Fluid Model for Couple Stress Fluid Flow through a Porous Medium	International	2017	113(11)/65-74	H.index:21
188	D.Seethalakshmi & S.Balamuralitharan	International of Pure and Applied Mathematics	Blow-up Global Solutions of Third Order Differential Equation	International	2017	113(11)/105-113	H.index:21
189	P.Agasthi, N.Parvathi & K.Thirusangu	International of Pure and Applied Mathematics	On Some Labelings of Line Graph of Barbell Graph	International	2017	113(10)/148-156	H.index:21
190	C.S.Hariram Kumar & N.Parvathi	International of Pure and Applied Mathematics	Rainbow Vertex Coloring for Shadow, Square and Spilting Graph of Bi-star Graph	International	2017	113(10)/244-252	H.index:21
191	S.Sangeetha & V.Srinivasan	International of Pure and Applied Mathematics	I-Cauchy Sequence and I-Core of a Sequence in Ultrametric Fields	International	2017	113(10)/19-27	H.index:21
192	J.Uma & V.Srinivasan	International of Pure and Applied Mathematics	Statistical Convergence in Generalized Difference Sequence Spaces over Non-Archimedean Fields	International	2017	113(10)/280-289	H.index:21
193	E.P.Siva & A.Govindarajan	International of Pure and Applied Mathematics	Soret Effect on Peristaltic Flow of a Couple Stress Fluid in a Tapered Channel	International	2017	113(9)/66-74	H.index:21
194	Kannan R.M., Bapuji Pullepu & T.Maheshwaran	International of Pure and Applied Mathematics	Viscous Dissipative Free Convective Flow from a Vertical Cone in the Presence of Radiator Uniform Surface Heat Flux	International	2017	113(7)/146-154	H.index:21
195	Bapuji Pullepu & Immanuel Y	International of Pure and Applied Mathematics	NSM Solution of Free Convective Flow Past a Vertical Cone in the Presence of UHF	International	2017	113(6)/119-128	H.index:21
196	Selvarani M. & Bapuji Pullepu	International of Pure and Applied Mathematics	MHD Free Convective Flow Past from an Inclined Plate in a Thermally Stratified Medium	International	2017	113(6)/202-212	H.index:21
197	D.K.Sheena Christy & D.G.Thomas	International of Pure and Applied Mathematics	Accepting Hexagonal Array Splicing System with Respect to Arrowhead	International	2017	113(6)/91-100	H.index:21
198	R.Kalyanaraman & V.Suvitha	International of Mathematics and Statistics	A Single Server Bernoulli Vacation Queue with Two Phase of Essential Services and an Optional Service and with Restricted Admissibility	International	2017	113(6)/119-128	

199	A.Saraswathi, A.Praveen Prakash & K.Ganesan	Global Journal of Pure and Applied Mathematics	Application of Intuitionistic Fuzzy sets (IFS) to Analyze the Problems of Transgenders in Tamilnadu	International	2017	13(1)/297-305		H.index:6
200	K.V.Vijayashree & A.Anjuka	Advances in Operations Research	Fluid Queue Driven by an M/M/1 Queue Subject to Bernoulli-Schedule-Controlled Vacation and Vacation Interruption	International	2017	2016, Article ID:2673017		
201	M.Senthilkumaran & G.Arul Joseph	International of Computational and Applied Mathematics	Stability Analysis for Fractional Order Model of HIV Infection of CD4+T-Cells with Independent Delays	International	2017	12(1)/635-		
202	N.Sivakumar, B.Durga Prasad, CSK Raju , SVK Varma & S.A.Shehzad	Results in Physics	Partial Slip and Dissipation on MHD Radiative Ferro-fluid Over a Non-linear Permeable Convectively Heated Stretching Sheet	International	2017	7/1940-1949	IF:0.946	
203	N.Sivakumar, R.V.M.S.S.Kiran Kumar, S.V.K.Varma & B.Rushi Kumar	International of Research in Science and Engineering	Convective Conditions on Sakiadis Flow of Magneto Hydraodynamic Jeffery Fluid with Heat Source/Sink	International	2017	137-146	IF:4.532	
204	R.Perumal, P.Chinnaraj & R.Balakrishnan	Asia Life Sciences	A Generalization $P_k(r,m)$ and $P_k'(r,m)$ Seminear - Rings	International	2017	14(1)/175-180		
205	D.H.Doh, M.Muthamilselvan & D.Prakash	Thermophysics and Aeromechanics	Effect of Heat Generation on Transient Flow of Micropolar Fluid in a Porous Vertical Channel	International	2017	24(2), DOI:10.1134/S0869864331702011	IF:0.747	
206	R. Mahendran, V. Subburayan	IJCM	Fitted Finite Difference Method for Third Order Singularly Perturbed Delay Differential Equations of Convection Diffusion Type	International	May-17	15(1)/18007/1-17	IF:1.063	
207	C.S.Hariram Kumar & N.Parvathi	Indian Journal of Science and Technology	Rainbow Vertex Coloring for Line, Middle, Central, Total Graph of Comb Graph	International	Dec-16	9(S1)		H.Index:25
208	Sundarammal Kesavan & Nisha	ARPN Journal of Engineering and Applied Sciences	Effect of Stiffness and Damping Coefficient of Squeeze Film Characteristics of MHD Non-Newtonian Porous Triangular Plates	International	Oct-16	11(19)		H.Index:15
209	Rashmi Agrawal, Debaldev Jana, Ranjit Kumar Upadhyay & V. Sree Hari Rao	Journal of Applied Math. Comput.	Complex Dynamics of Sexually Reproductive Generalist Predator and Gestation Delay in a Food Chain Model: Double Hopf-bifurcation to Chaos	International	Sep-16	DOI:10.1007/s12190-016-1048-1		
210	Debaldev Jana, R,Gopal & M.Lakshmanan	International of Dynamical Control	Complex Dynamics Generated by Negative and Positive Feedback Delays of a Prey-predator System with Prey Refuge : Hopf Bifurcation of Chaos	International	Sep-16	DOI:10.1007/s40435-016-0267-5		
211	R.Kalyanaraman & V.Suvitha	Mathematica Applicanda	On a Restricted Admissibility Compulsory Vacation Queue with Essential and Optional Services	International	2016	44(1)/223-245		H.Index:7
212	R.Kalyanaraman & V.Suvitha	International of Statistics and Applied Mathematics	A Single Server Compulsory Vacation Queue with Three Type of Services and with Restricted Admissibility	International	2016	1(3)/36-42		
213	Nisha, Sundarammal Kesavan & S.Sangeetha	International of Pure and Applied Mathematics	Squeeze Film Characteristics and Steady State Performance of a Parabolic Inclined Porous Slider Bearings using Couple Stress Fluid	International	2016	111(1)/17-29	-	H.index:26
214	M.Mageswari & M.Nirmala	International of Pure and Applied Mathematics	Stagnation Point Flow over a Stretching Sheet with Newtonian Heating using Laplace Adomian Decomposition Method	International	2016	110(1)/95-102		H.index:26
215	B.Vennila	International of Pure and Applied Mathematics	Elzaki Transform for Rotating Fluid	International	2016	110(3)/407-412		H.index:26
216	L.Shobana & J.Baskar Babujee	International of Pure and Applied Mathematics	Cardial Words Recognized by the Automata	International	2016	109(6)/1-7		H.index:26
217	S.Sindu Devi & K.Ganesan	British Journal of Mathematics and Computer Science	Numerical Solution of First Order Differential Equations by Simpson's Rule	International	2016	18(1)/1-13		
218	S.Sindu Devi & K.Ganesan	Global Journal of Pure and Applied Mathematics	Solution of Second Order Fuzzy Differential Equations by Fuzzy Laplace Transform	International	2016	12(2)		H.Index:6
219	S.Geethamalini & S.Balamuralitharan	IJCTA	Homotopy Perturbation Method for Solving a Model for EIAV Infection	International	2016	9(28)/439-446		H.Index:9
220	N.Magesh, V.K.Balaji & C.Abirami	Khayyam Journal of Mathematics	Fekete-Szego Inequlities for Certain Subclasses of Starlike and Convex Functions of Complex Order Associated with Quasi-Subordination	International	2016	2(2)/112-119		NIL
221	V. Padma & K. Bhuvaneswari	International of Mathematics and its Applications	An Optimization Approach for Identification of Petri Nets	International	2016	4(2-D)/1-6	IF:0.564	
222	K.V.Vijayashree & A.Anjuka	Computational Intelligence, Cyber Security and Computational Models, Advances in Intelligent Systems and Computing	Fluid Queue Driven by an M/E$_2$/I Queueing Model	International	2016	412/493-504 DOI:10.1007/978-981-10-0251-9_46		
223	Debaldev Jana, Rashmi Agarwal, Ranjit Kumar Upadhyay &G.P.Samanta	Chaos, Solitons and Fractals	Ecological Dynamics of Age selective Harvesting of Fish Population: Maximum Sustainable Yield and its Control Strategy	International	2016	93/111-122	IF:1.455	
224	D.H.Doh, M.Muthamilselvan & D.Prakash	IJNSNS	Transient Heat and Mass Transfer of Micropolar Fluid Between Porous Vertical Channel with Boundary Conditions of Third Kind	International	2016	DOI:10.1515/ijnsns-2015-0154	IF:0.89	
225	K.Ravi & S.Sabarinathan	IJCTA	Generalized Hyers-Ulam Stability of a Quadratic Functional Equation in Quasi-β-Normed Space	International	2016	9(28)/483-489		H.Index:9
226	T. Karthy & K. Ganesan	Global Journal of Pure & Applied Mathematics	Improved Zero Point Method for the Fuzzy Optimal Solution to Fuzzy Transportation Problems	International	2016	12/1/(255-)		
227	J. Uma & V. Srinivasan	Global Journal of Pure & Applied Mathematics	Paranormed Difference Sequence Spaces Generated by Infinite Matrices over Non-Archimedean Fields	International	2016	12/1/(434-435)		

228	K. Suja & V. Srinivasan	Global Journal of Pure & Applied Mathematics	Some Inclusion Theorems on Statistical Core in Ultrametric Fields	International	2016	12/1/(409-)		
229	G. Gajendran & T. Venugopal	Global Journal of Pure & Applied Mathematics	Mathematical Approach to Design a Batch Mode Multilayer Feed Forward Neural Network and its Model on Type 2 Diabetes	International	2016	12/1/(105-)		
230	Bapuji Pullepu, M. Selvarani & R.M. Kannan	Global Journal of Pure & Applied Mathematics	Unsteady Flow Past from a Vertically Inclined Plate in a Thermally Stratified Medium	International	2016	12/1/(277-)		
231	P. Sampath & Bapuji Pullepu	Global Journal of Pure & Applied Mathematics	Free convective flow from a Vertical Plate with Mass Transfer, Chemical Reaction and Heat Generation/Absorption	International	2016	12/1/(157-)		
232	S. Sampathraj, Sundarammal Kesavan, & V. Sudha	Global Journal of Pure & Applied Mathematics	Deformation Characteristics of a Composite Slider Bearing	International	2016	12/1/(-)		
233	E. Sujatha & Sundarammal Kesavan	Global Journal of Pure & Applied Mathematics	Effect of Viscosity Variation in Porous Parallel Rectangular Plates Lubricated with Couple Stress Fluids	International	2016	12/1/(99-)		
234	Santhana Krishnan Narayanan & Sundarammal Kesavan	Global Journal of Pure & Applied Mathematics	Pressure Distribution Effects in Magneto-Hydrodynamics Non-Newtonian squeeze Film Porous Curved Circular Plates	International	2016	12/1/(-)		
235	S. Balamuralitharan & D. Seethalakshmi,	Global Journal of Pure & Applied Mathematics	Numerical Simulations for Parameter Estimation Model of SIR with Replacement Numbers	International	2016	12/1/118(-)		
236	S. Balamuralitharan & S. Geethamalini,	Global Journal of Pure & Applied Mathematics	Within Host Virus Models with Sensitive and Resistant Strain in EIAV	International	2016	12/1/(329-)		
237	S. Dhanalakshmi & N. Parvathi	Global Journal of Pure & Applied Mathematics	Lower and Upper Approximation H-graceful for Some Classes of Graphs	International	2016	12/1/(176-)		
238	A. Vimala Rani & N. Parvathi	Global Journal of Pure & Applied Mathematics	Radio Number of Star Graph and Sunlet Graph	International	2016	12/1/(151-)		
239	R. Nagarathinam & N.Parvathi	Global Journal of Pure & Applied Mathematics	B-chromatic Index of Lollipop and Tadpole Graph	International	2016	12/1/(201-)		
240	C.S. Hariram Kumar & N. Parvathi	Global Journal of Pure & Applied Mathematics	Rainbow Vertex Coloring for Middle Graph of Star Graph	International	2016	12/1/(166-)		
241	L.S. Senthilkumar & K. Ganesan	Global Journal of Pure & Applied Mathematics	Bisection Method for Fuzzy Nonlinear Equation	International	2016	12/1/(271-)		
242	E.P. Siva & A. Govindarajan	Global Journal of Pure & Applied Mathematics	Thermal Radiation and Soret Effect on MHD Peristaltic Transport through a Tapered Asymmetric Channel with Convective Boundary Conditions	International	2016	12/1/(213-)		
243	T. Yogashanthi & K. Ganesan	Global Journal of Pure & Applied Mathematics	A New Approach on Solving Intuitionistic Fuzzy Networking Problems	International	2016	12/1/(442-)		
244	G. Ramesh & K. Ganesan	Global Journal of Pure & Applied Mathematics	Interval Revised Simplex Method	International	2016	12/1/(191-)		
245	S. Sindu Devi & K. Ganesan	Global Journal of Pure & Applied Mathematics	Solution of First Order Fuzzy Differential Equations by Fuzzy Laplace Transform	International	2016	12/1/(381-)		
246	L. Shobana & J. Baskar Babujee	Global Journal of Pure & Applied Mathematics	Signed Product Cordial Labeling on Special Graphs	International	2016	12/1/(376-)		
247	R. Mahendran, V. Subburayan	Global Journal of Pure & Applied Mathematics	Robust Computational Method for Singularly Perturbed First Order Ordinary Differential Difference Equations with Piecewise History Function	International	2016	12/1/(-)		
248	A. Praveen Prakash, A. Saraswathi & K. Ganesan	Global Journal of Pure & Applied Mathematics	A Fuzzy Topsis Method for Solving MCDM problems under Uncertainty	International	2016	12/1/(362-)		
249	K. Ravi & S. Sabarinathan	Global Journal of Pure & Applied Mathematics	Intuitionistic Fuzzy Stability of a Mixed Type Additive – Quadratic Functional Equation	International	2016	12/1/(-)		
250	Bapuji Pullepu, P. Sampath, M. Selvarani, A.J. Chamka & K.K. Viswanathan	Journal of Applied Fluid Mechanics	Numerical Solutions of Free Convective Flow from a Vertical Cone with Mass Transfer under the Influence of Chemical Reaction and Heat Generation/Absorption in the Presence of UWT/UWC	International	2016	9/1/343-357	IF:0.888	
251	P. Agasthi, N. Parvathi & K. Thirusangu	Global Journal of Pure & Applied Mathematics	On Some Labelings of Barbell Graph	International	2016	12/1/(273-280)		
252	T. Leelavathy, K. Ganesan	Global Journal of Pure & Applied Mathematics	A Solution Approach to Multi Objective Fuzzy Transportation Problem	International	2016	12/1/(341-)		
253	S. Sivakumar, B. Sripathy & S. Vidyanandini	Global Journal of Pure & Applied Mathematics	A New and Fast Classifier Mining Algorithm based on Experimental Analysis	International	2016	12/1/(156-)		
254	T. Yogashanthi & K. Ganesan	Global Journal of Pure & Applied Mathematics	A Simple Method for the Solution of fuzzy Networking Problems under Intuitionistic Fuzzy Environment	International	2016	12/2/(348-)		
255	S. Sangeetha, Sundarammal Kesavan, V. Sudha & Nisha	Global Journal of Pure & Applied Mathematics	Analysis of Squeezing Effect of a Non-Newtonian Fluid between Parallel Plates	International	2016	12/2/(124-)		
256	Nisha, Sundarammal Kesavan, S. Sangeetha & B. Vijayakumar	Global Journal of Pure & Applied Mathematics	Pressure Distribution Effects in Porous Inclined Multi Stepped Composite Bearings with Couple Stress Fluids	International	2016	12/2/(128-)		
257	T. Nirmala, K. Ganesan, D. Datta & H.S. Kushwaha	Global Journal of Pure & Applied Mathematics	LU Factorization of an Invertible Interval Matrix using Gaussian Elimination Method	International	2016	12/1/(414-)		

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258	M. Parimala & R. Perumal	Global Journal of Pure & Applied Mathematics	Weaker Form of Open Sets in Nano Ideal Topological Spaces	International	2016	12/1/(302-)	
259	S. Mohanaselvi & K. Ganesan	Global Journal of Pure & Applied Mathematics	A New Ranking Method for Interval Type-2 Fuzzy Numbers	International	2016	12/1/(388-)	
260	C.S. Hariram Kumar & N. Parvathi	Global Journal of Pure & Applied Mathematics	Rainbow Vertex Coloring for Middle Graph of Star Graph	International	2016	12/1/(-)	
261	S. Balamuralitharan & D. Seethalakshmi	Global Journal of Pure & Applied Mathematics	Numerical Solutions for Parameter Estimation Model of SIR with Replacement Numbers	International	2016	12/1/(118-)	
262	Siva Kumar Narasu, B. Rushi Kumar & A.G. Vijaya Kumar	Journal of Naval Architecture and Marine Engineering	Thermal Diffusion and Chemical Reaction Effects on Unsteady Flow Past a Vertical Porous Plate with Heat Source Dependent in Slip Flow Regime	International	Jun-16	_	
263	Y. Immanuel, Bapuji Pullepu, M. Selvarani	International of Pure and Applied Mathematics	NSM Solution on Transient Natural Convective Viscous Fluid Flow Past a Vertical Cone	International	Jun-16	108/2/363-385	IF:3.72
264	V. Mohanaselvi & M. Suresh	International of Scientific & Engineering Research	Tensor Product in Detour Radial Graph	International	May-16	7/5/63-68	
265	A.D. Chandrasekaran, S. Balamuralitharan & K. Ganesan	ARPN Journal of Engineering & Applied Sciences	A Shortest Path Length on a Fuzzy Network with Triangular Intuitionistic Fuzzy Number	International	Jun-16	11/11/(6882-)	
266	A.D. Chandrasekaran, S. Balamuralitharan & K. Ganesan	International of Engineering & Technology	Shortest Path Arc Length Network using Triangular Intuitionistic Fuzzy Number	International	Apr-May 2016	8/2/(785-)	
267	R. Senthamarai, S. Balamuralitharan	RJPBCS	Mathematical Modeling and Protein Structure Prediction for Amino Acid Sequences through Protein Plots and Ecological Changes	International	May-June 2016	7/3/(1751-)	
268	R. Senthamarai, S. Balamuralitharan	RJPBCS	Nonlinear Coupled Differential Equations Modeling of Drug Resistance in Conjoint Normal and Tumor Cells	International	March-April 2016	7/2/(463-)	
269	P. Chinnaraj & R. Perumal	International of Pure and Applied Mathematics	A Note on - P(r,m) Seminear - Rings	International	Feb-16	106/6/85-92	IF: 3.72
270	P. Chinnaraj & R. Perumal	International of Pure and Applied Mathematics	Ideals in P(r,m)Gamma Seminear - Rings	International	Feb-16	106/2/533-541	IF: 3.72
271	V. Subburayan	International of Computational Methods	A Robust Computational Method for System of Singularly Perturbed Differential Difference Equations with Discontinuous Convection Coefficients	International	Feb-16	13/4/ 17 pages	IF: 1.123
272	J. Uma, V. Srinivasan	International of Pure and Applied Mathematics	KOTHE-TOEPLITZ Duals of Some Difference Sequence Spaces and their Matrix Transformation over Non-Archimedean Fields	International	Feb-16	106/1/347-354	IF: 3.72
273	G. Gajendran & T. Venugopal	Journal of International Academic Research for Multidisciplinary	Mathematical Approach to Design an Online Multilayer Feed Forward Neural Network and its Model on Laboratory Work	International	Jan-16	3/12/(143-)	IF: 2.417
274	N. Niranjana, M. Vidhya, A. Govindarajan & E.P. Siva	International of Applied Engineering Research	Heat and Mass Transfer Effects on Radiative MHD Oscillatory Flow in Vertical Porous Slip Boundary with Chemical Reaction	International	2016		
275	R. Nagarathinam, N. Parvathi	Global Journal of Pure & Applied Mathematics	Graph Coloring and Edge Connectivity in Traffic Signal Problem	International	Nov-15	11/1/(136-)	
276	S. Dhanalakshmi & N. Parvathi	Global Journal of Pure & Applied Mathematics	Minimum Spanning Tree of a Rough Graph having Weights as Trapezoidal Fuzzy Numbers	International	Nov-15	11/1/(143-)	
277	B. Vennila	Global Journal of Pure & Applied Mathematics	Rotating Fluid Flow of an Accelerated Horizontal Plate	International	Oct-15	11/6/4639-4646	
278	M. Mageswari	Global Journal of Pure & Applied Mathematics	Free Convection Effect on the Flow of a Dusty Viscous Fluid Past a Hot Vertical Porous Plate with Periodic Temperature	International	Oct-15	11/6/4063-4074	
279	P. Kavitha, S. Meena	IJMA	Strongly Prime Labeling for Some Graphs	International	2015	3/3-D/1-11	IF: 0.564
280	P. Kavitha, S. Meena	IJMSC	Some New Results on Strongly Prime Graphs	International	2015	5/2/39-49	
281	G. Vijayalakshmi	International of Reliability, Quality & Safety Engineering	Dependability Analysis of Homogeneous Distributed Software/Hardware Systems	International	2015	22/2	
282	S. Sangeetha & V. Srinivasan	International of Pure and Applied Mathematics	Invariant Core for Double Sequences in Non-Archimedean Fields	International	2015	102/3/515-525	IF: 3.72
283	K. Suja & V. Srinivasan	International of Applied Engineering Research	On Statistical A-Summability in Non-Archimedean Fields	International	2015		
284	A. Saraswathi, A. Praveen Prakash & K. Ganesan	International of Applied Engineering Research	A Fuzzy Matrix Analysis an Approach - A Study on Induced Fuzzy Cognitive Maps	International	2015	10(16)	
285	A. Saraswathi, A. Praveen Prakash & P. Vinoth Kumar	International of Applied Engineering Research	A Fuzzy Matrix Analysis - Using an RTD and CETD Matrix	International	2015	10(80)	
286	A. Saraswathi, A. Praveen Prakash & K. Ganesan	International of Applied Engineering Research	To Analyzse the Problems of Transgender in India/Study using New Trapezoidal Fuzzy Cognitive Maps(TpFCM)	International	2015	10(80)	
287	A. Saraswathi, A. Praveen Prakash & K. Ganesan	European Journal of Scientific Research	A Fuzzy Dematel Approach to Study Cause and Effect Relationship of Transgender	International	Oct-15	135(1)/81-91	
288	K. Prabakaran & K. Ganesan	European Journal of Scientific Research	Fuzzy Optimal Solution to Intuitionistic Fuzzy Transportation Problem: A New Approach	International	Oct-15		

289	K. Prabakaran & K. Ganesan	ARPN Journal of Engineering & Applied Sciences	A New Approach on Solving Intuitionistic Fuzzy Linear Programming Problem	International	Oct-15		IF: 0.765	
290	A. Govindarajan, E.P. Siva & M. Vidhya	International of Pure and Applied Mathematics	Combined Effect of Heat and Mass Transfer on MHD Peristaltic Transport of a Couple Stress Fluid in a Inclined Asymetric Channel through a Porous Medium	International	Aug-15	105/4/685-707	IF: 3.72	
291	P. Godhandaraman & V. Poongothai	Mathematical Sciences Letters	Analysis Retail Facility with Correlated Service Times using Linear Programming	International	2015	1(7)	IF: 2.316	
292	S. Balamuralitharan	Differential Equations and Control processes	Periodic Solutions for Third & Fourth order Delay Differential Equation Impulses with Fredholm Operator of Index Zero	International	2015	No.3		
293	T. Pathinathan, J. Jon Arochkiaraj & J. Jesintha Rosline	Indian Journal of Science & Technology	Hesitancy Fuzzy Graphs	International	Dec-15	Aug-35	-	
294	N. Santhana Krishnan & Sundarammal Kesavan	ARPN Journal of Engineering and Applied Sciences	Magneto-hydrodynamics Non-Newtonian Squeeze film characteristics of porous curved Circular Plates	International	Aug-15	10(14),5895-		H.Index:15
295	R. Arulprakasam, V.R. Dare and S. Gn	International of Pure and Applied Mathematics	Learning of Landweber Local -Partial Language	International	Jun-15	101/5/677-686	IF: 0.635	
296	S. Balamuralitharan	Asian Journal of Mathematics and Computer Research	Numerical Results for Epidemiological Models of SIR and SIS with Replacement Numbers	International	Jul-15	6/1/93-107		
297	V. Subburayan	Arab Journal of Mathematical Sciences	A Paramter Uniform Numerical Method for Singularly Perturbed Delay Problems with Discontinuous Convection Co-efficient	International	Jul-15			
298	V. Masilamani, D.K. Sheena Christy, D.G. Thomas, A.K. Nagar & T. Robinson	LNCS	Accepting H Iso – Array System	International	2015	9448/217-231		
299	S. Athithan & Mini Ghosh	International of Biomathematics	Analysis of a Sex-Structured HIV/AIDS Model with the Effect of Screening of Infectives	International	Sep-15	7(5)	IF: 0.938	
300	R.Deepa & K. Ganesan	European Journal of Scientific Research	Inclusion relations among Euler, Taylor and Abel-type summabilty methods in Non-Archimedian fields	International	2015	126/4/408-417	IF: 0.713	
301	T.Leelavathy & K. Ganesan	International of Scientific & Engineering Research	An Optimal solution of Fuzzy Transportation Problem	International	Mar-15	6/3/ 252-257	IF: 3.2	
302	L.S. Senthilkumar & K. Ganesan	International of Scientific & Engineering Research	Solving Fuzzy Nonlinear Equation using Harmonic Mean Method	International	Mar-15	6/3/ 229-232	IF: 3.2	
303	G. Ramesh & K. Ganesan	International of Scientific & Engineering Research	Assignment Problem with Generalized Interval Arithmetic	International	Mar-15	6/3/ 81-85	IF: 3.2	
304	K. Prabakaran & K. Ganesan	International of Scientific & Engineering Research	Fuzzy Hungarian Method for Solving Intuitionistic Fuzzy Assignment Problems	International	Mar-15	6/3/ 11-17	IF: 3.2	
305	S. Sindu Devi & K. Ganesan	International of Scientific & Engineering Research	A fourth order Runge-Kutta Method for the Numerical Solution of first order Fuzzy Differential Equations	International	Mar-15	6/3/ 295-299	IF: 3.2	
306	Lavanya Gowrishankar, Vidhyacharan Bhaskar and Sundarammal Kesavan	International of Scientific & Engineering Research	Analytic representation of Transition probability matrix for Exponential Queues with Hyper-exponential service times	International	Mar-15	6/3/119-121	IF: 3.2	
307	E.Sujatha, Sundarammal Kesavan, S.Balamuralidharan	International of Scientific & Engineering Research	Velocity and frictional effects of porous elliptical plates lubricated with couple stress fluid considering the effects of slip velocity	International	Mar-15	6/3/ 258-262	IF: 3.2	
308	Geethamalini S, Balamuralitharan S, Sundarammal Kesavan	International of Scientific & Engineering Research	Parameter Estimation of Antibody Control of EIAV in SCID to Stimulate the Immune System	International	Mar-15	6/3/18-28	IF: 3.2	
309	J.Uma & V.Srinivasan	International of Scientific & Engineering Research	A study on Some Difference sequence spaces and their Matrix transformations over Non -Archimedean fields	International	Mar-15	6/3/ 263-265	IF: 3.2	
310	Siva.E.P, Govindarajan.A, Balamuralidharan.S	International of Scientific & Engineering Research	MHD Peristaltic Flow of a Couple Stress Fluids Permeated with Suspended Particles	International	Mar-15	6/3/233-238	IF: 3.2	

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311	R. Vijayalakshmi, A. Govindarajan, J.Sasi kumar	International of Scientific & Engineering Research	Chemical Reaction Effects on Radiative MHD Oscillatory Flow in a Porous Channel with Mass Transfer and Heat absorption	International	Mar-15	6/3/199/203	IF: 3.2	
312	J.Sasikumar & A.Govindarajan	International of Scientific & Engineering Research	Free Convective MHD Oscillatory flow Past Parallel Plates in a Porous Medium with Heat Source and Chemical Reaction	International	Mar-15	6/3/266-270	IF: 3.2	
313	S. Vidyanandini & N.Parvathi	International of Scientific & Engineering Research	Graceful Labeling for Graph	International	Mar-15	6/3/196-198	IF: 3.2	
314	R. Nagarathinam & N.Parvathi	International of Scientific & Engineering Research	B-Chromatic Number of Line Graph of Wheel Graph	International	Mar-15	6/3/220-222	IF: 3.2	
315	Y.Lokeswara Choudary & Neelisetty Balaji	International of Scientific & Engineering Research	Inventory Planning Optimization The Challenges With Segmenting And Extrapolating Demand	International	Mar-15	6/3/159-163	IF: 3.2	
316	Bapuji Pullepu & P. Sampath	International of Scientific & Engineering Research	Numerical solutions for network simulation model of free convective flow past a vertical plate	International	Mar-15	6/3/147-155	IF: 3.2	
317	S. Dhanalakshmi, N.Parvathi and R. Arulprakasam	International of Scientific & Engineering Research	A Study of Rough Set Approximations for a Complementary Graph	International	Mar-15	6/3/46-50	IF: 3.2	
318	B.Vijayakumar, Sundarammal Kesavan, S.Balamuralitharan	International of Scientific & Engineering Research	Peristaltic Motion of A Couple Stress Fluid of Three Dimensional Analysis with Parameter Estimation	International	Mar-15	6/3/239 - 244	IF: 3.2	
319	G. Vijayalakshmi	International of Mathematical sciences and Engineering Applications	Dependability Analysis of Heterogeneous Distributed Systems	International	Mar-15	6/3/91-96	IF: 1.318	
320	S.Sangeetha & V.Srinivasan	International of Mathematical sciences and Engineering Applications	An Extension of Knopp's core theorem in Ultrametric fields	International	Mar-15	9/1/233-240	IF: 1.318	
321	M. Ramachandran & N. Parvathi	Indian Journal of Science & Technology	The Medium Domination Number of a Jahangir Graph	International	Mar-15	8(5), 400-406		
322	Siva Parthasarathy, A.Govindarajan, M.Vidhya	International Journal of Pure and Applied Mathematics	Analysis on the Effects of Wall Properties on MHD Peristaltic Flow of a Dusty Fluid Through a Porous Medium	International	Feb-15	102/2/247-263	IF: 0.635	
323	M. Vidhya, E. P. Siva, A. Govindarajan	ARPN Journal of Engineering and Applied Sciences	MHD peristaltic flow of a couple stress fluids Permeated with suspended particles through a porous Medium under long wavelength approximation	International	Apr-15	10/7/3072-3077	IF: 1.5	H.Index:15
324	Selva Rani M. & Bapuji Pullepu	International of ChemTech Research	NSM Solutions of Free convective flow from a Non-Isothermal Vertical Cone	International	2015	7/3/1603-1611	IF: 0.67	
325	Y. Immanuel, Bapuji Pullepu and C.K. Krubahashankar	Applied Mathematical Sciences	Casson flow of MHD Fluid Moving Steadily with Constant Velocity	International	2015	9/30/1503-1508	IF: 0.81	
326	K. K. Viswanathan, Z. A.Aziz, Saira Javid, Y. Yaacob, Bapuji Pullepu	Journal of Mechanical Science and Technology	Free Vibration of Symmetric Angle Ply Truncated Conical Shells under different Boundary condition Using Spline Method	International	2015	29/5/2073-2080	IF: 0.838	
327	T. Nirmala, D. Datta, H.S. Kushwaha & K. Ganesan,	International of Applied Engineering Research	On the Solution of System of Interval Linear Equations	International	2015	10(6), 15777-15797		
328	S. Meena & P. Kavitha	International of Mathematics and Computer Research	Some New Results on Prime Graphs	International	Jan-15	3/1/837-849	IF: 2.2	
329	M. Vidhya, S. Balamuralitharan, A. Gov	International Journal of Pure and Applied Mathematics	Exponential Delay Polynomials of Discrete Delay Determinant with blood cells transformation	International	2015	98/3/399-411	IF: 0.635	H.Index:20
330	N Geetha, A Tamilselvan, V Subburaya	International of Applied and Computational Mathematics	Parameter Uniform Numerical Method for Third Order Singularly Perturbed Turning Point Problems Exhibiting Boundary Layers	International	2015	DOI:10.1007/s40819-015-0064-4		
331	S. Athithan & Mini Ghosh	World Journal of Modelling and Simulation	Optimal Control of Tuberculosis with Case Detection and Treatment	International	2015	11(2)/111-122	IF:0.54	H.Index: 7
332	S. Balamuralitharan	Bulletin of the Iranian Mathematical Society	Periodic Solutions of Fourth Order Delay Differential Equations	International	2014		IF:0.22	
333	E.P. Siva, A. Govindarajan, V. Venkataraman	International of Applied Engineering Research	Unsteady Hydromagnetic Flow of Dusty Viscous Fluid in Rotating Channel with Varying Pressure Gradient	International	2014	9/21/8875-8888		

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334	A. Govindarajan, Ali J. Chamka, Sundarammal Kesavan & M. Vidhya	Thermal Science	Chemical Reaction on Effects on Unsteady Magneto Hydrodynamic Free Convective Flow in a Rotating Porous Medium with Mass Transfer	International	2014	18/2/s515-s526	IF: 1.222	
335	Meena Parvathy Sankar, N.G. David & D.G. Thomas	Springer – Verlag Berlin Heidelberg	Accepting String Graph Splicing System	International	2014	364-369	-	
336	K.Suja & V. Srinivasan	International of Mathematical Analysis	A Matrix Characterization of Statistical Convergence of Double Sequences in Non-Archimedean Fields	International	2014	8/54/2669-2675	-	
337	Sundarammal Kesavan, Ali J. Chamkha, Santhana Krishnan Narayanan	International of Numerical Methods for Heat & Fluid Flow	Magnetohydrodynamic (MHD) squeeze film characteristics between finite porous parallel rectangular plates with surface roughness	International	2014	24/7/1595-1609		
338	Bapuji Pullepu & Sambath P.	J. Engg Phy and Thermophy	Free convection Flow of Dissipative fluid past from Non-Isothermal vertical Cone	International	2014	87/4/962-972	-	
339	Geethamalini S & Balamuralitharan S	Mathematical Sciences and International Research Journal	Estimation of the Basic Reproductive Number and Numerical Stability of Simulation during Immune Control of EIAV with Cell Mediated Immunity	International	2014	3/2/813-819	-	
340	Balamuralitharan S	International of Advances in Applied Mathematics and Mechanics	A priori inequality for majorant Cauchy problem with nonlinear boundary value problems	International	2014	2/1/26-33	-	
341	Shobana.L & J.Baskar Babujee	International Review of Pure and Applied Mathematics	Construction of Prime and Prime Cordial graphs	International	2014	8/2/79-86	-	
342	V. Srinivasan, K. Suja		On Statistically Convergent and Statistically Cauchy Sequences in Non-Archemedean Fields	International	2014	6(3)/1038-1043	IF: 0.733	
343	R. Deepa & K. Ganesan	International of Pure and Applied Mathematics	Some Properties of the Euler Summability Method in Complete Ultrametric Fields	International	2014	91(2)/237-244	IF: 0.372	
344	S. Balamuralitharan, V. Christopher Amalraj & A. Subbarayan	International of Pure and Applied Mathematics	The Size Distribution of cities in a region: An Evaluation Pareto, Lognormal and PPS Distributions	International	2014	92(2)/265-278	IF: 2.48	H.Index: 19
345	D. Arivudainambi, P. Godhandaraman	Annals of Operations Research	Retrial queueing system with balking optional service and vacation	International	Dec-14	DOI:10.1007/S10479-014-1765-5		
346	G. Ramesh & K. Ganesan	European Journal of Scientific Research	A New Approach to Interval Transportation Problems	International	Nov-14	126/4/375-385	0.713	H.Index:26
347	Bapuji Pullepu, P. Sampath & K.K. Viswanathan	Mathematical Problems in Engineering	Effects of Chemical Reactions on Unsteady Free Convective and Mass Transfer Flow from a Vertical Cone with Heat Generation/Absorption in the Presence of VWT/VWC	International	Jul-14	Volume 2014	0.762	
348	A.D. Chandrasekaran, S. Balamuralitharan & K. Ganesan	Mathematical Sciences	QR Decomposition for Gram-Schmidt Algorithm with Eigen Value Problems	International	Sep-14	3/2/663-		
349	E.P. Siva & A. Govindarajan	European Journal of Scientific Research	MHD Peristaltic Motion under the Influence of Heat /Mass Transfer with Chemical Reaction through a Porous Medium in an Asymmetric Channe	International	Nov-14	126/3/296-312		
350	S. Meena & P. Kavitha	International Mathematical Archive	Prime Labeling for Some Butterfly Related Graphs	International	Oct-14	5/10/15-25	4.091	
351	A.Saraswathi & A.Praveen Prakash	International of Scientific and Engineering Research	Problems of Transgender/New Triangular Combined Block Fuzzy Cognitive Maps(TrCOFCM)	International	Sep-14	5/9/186-195	3.2	
352	E.P. Siva & A. Govindarajan	Indian Journal of Science and Technology	Effect of Mass Transfer and Chemical Reaction on Peristaltic Flow of a Newtonian Fluid through a Porous Medium in an Asymmetric Vertical Channel in the Transverse Magnetic Field	International	Jan-14	7(S3)		H.Index: 22
353	M. Shanmugasundari & K. Ganesan	International of Engineering Research & Applications	A Novel Approach for the Fuzzy Optimal Solution of Fuzzy Transportation Problem	International	2013	3/1416-1424	1.69	
354	R. Deepa, P.N. Natarajan & V. Srinivasan	A Commentationes Mathematicae	Cauchy Multiplication of Euler Summable Series in Ultrametric Fields	International	2013	53(1)/73-79		
355	N. Anbazhagan, Jintling Wang & D. Gomathi	Applied Mathematical Modeling	Base Talk Policy with Retrial Demands	International	2013	37(6)/4464-4473	1.764	
356	D. Arivudainambi, P. Godhandaraman & P. Rajadurai	OPSEARCH	Performance Analysis of a Single Server Retrial Queue with Working Vacation	International	2013			
357	D. Arivudainambi & V. Poongothai	International of Operational Research	Analysis of a Service Facility with Cross Trained Servers and Optional Feedback	International	2013	18(2)/218-237		

358	A. Saraswathi & A. Praveen Prakash	International of Emerging Trends in Engineering and Development	A Study on Problems of Trans-genders in India using Fuzzy Cognitive Map(FCM)	International	2013	6(3)/192-203	2.87	
359	Meena Parvathy Sankar, N. Gnanamalar David & D. Gnanaraj Thomas	International of Applied Mathematics	Trajectory P System for Shuffled Graphs	International	2013	6(2S3)/90-94	2.072	
360	Siva E.P., Govindarajan A.	Indian Journal of Science & Technology	Unsteady Hydromagnetic Flow of Dusty Viscous Fluid in Rotating Channel with Varying Pressure Gradient	International	2013	6(2S3)/42-48	5.07	
361	K. Prabakaran & K. Ganesan	Indian Journal of Science & Technology	Fuzzy Hungarian Method for Solving Assignment Problem involving Trapezoidal Fuzzy Numbers	International	2013	6(2S3)/82-87	5.07	
362	M. Ramachandran & N. Parvathi	Indian Journal of Science & Technology	Two Medium Domination Number of Cartesian Product of Two Paths	International	2013	6(2S3)/88-92	5.07	
363	Sundarammal Kesavan & Santhana Krishnan	Indian Journal of Science & Technology	Effect of Pressure Distribution in Magnetohydrodynamic (Mhd) Squeeze Film Characteristics between Finite Porous Parallel Rectangular Plates	International	2013	6(2S3)/138-144	5.07	
364	M. Shanmugasundari & K. Ganesan	Indian Journal of Science & Technology	A New Approach to Solve Fuzzy Multiple Objective Linear Programming Problems	International	2013	6(2S3)/223-230	5.07	
365	Indumathy S, Balamuralitharan S & Rajasekaran S	Indian Journal of Science & Technology	Age Structured Model of Cyclical Thrombocytopenia with Periodic Defect of Platelet Fluctuations	International	2013	6(2S3)/63-69	5.07	
366	Bapuji Pullepu & Ali J. Chamkha	Journal of Applied Fluid Mechanics	Numerical Solutions of Unsteady Laminar Free Convection from a Vertical Cone with Non-uniform Surface Heat Flux	International	2013	6(3)/357-367		
367	Lavanya Gowrishankar & Vidhyacharan Bhaskar	Applied Mathemtical Modeling	Performance Evaluation of a single que capable of handling two like jobs as a single entity	International	2013	37/2562-2573	1.534	
368	V. Poongothai & D. Arivudainambi	International of Information and Management Sciences	Solving Integer Programming Problems with a Variable Number of Switching Costs, Balking and Feedback	International	Jun-13	23(4)/395-407		H.Index: 15
369	C. Sudhagar & K. Ganesan	Springer Science (Optimization & Engineering)	A Fuzzy Approach to Transport Optimization Problem	International	2012		0.476	
370	S. Mohanaselvi & K. Ganesan	International of Mathematical Archive	Fully Fuzzy Linear Programs with Triangular Fuzzy Numbers	International	2012	3(5)/1838-1845	1.2	
371	Bapuji Pullepu, Ali J. Chamkha & I. Pop	Chemical Engineering Communication	Unsteady Laminar Free Convection Flow Past a Non-Isothermal Vertical Cone in the Presence of Magnetic Field	International	2012	199(3)/354-367	0.913	
372	S. Mohanaselvi & K. Ganesan	International of Computer Applications	Fuzzy Pareto Optimal Solution to Fully Fuzzy Multiobjective Linear Programming Problem	International	2012	52(7)/29	0.814	
373	Meena Parvathy Sankar, N. Gnanamalar David & D. Gnanaraj Thomas	International of Computer Applications	Splicing Operation on Graphs	International	2012	49(8)/18-22	0.814	
374	S. Muthukaruppan, R. Senthamarai & L. Rajendran	International of Electro Chemical Sciences	Modeling of Immobilized Glucoamylase Kinetics by Flow Calorimetry	International	2012	7/9122-9137	3.729	
375	Sundarammal Kesavan & Santhana Krishnan	International of Mechanical Engineering & Technology	Surface roughness effects on squeeze film behavior in porous transversely triangular plates with couple stress fluid	International	2012	3(2)/1-12	1.208	
376	N. Balaji & Y. Lokeshwara Choudary	International of Managements	An Application of FCM in Optimization of Inventory Function among Auto Component Manufacturing Units in SME sector	International	2012	3(2)/13-24	3.542	
377	Shakeela Sathish, K. Ganesan	International of Mathematical Theory & Modeling	Fully Fuzzy Time Cost Trade-Off in a Project Network - A New Approach	International	2012	2(6)	5.53	
378	V. Masilamani, D.K. Sheena Christy & D.G. Thomas	World Academy of Science, Engineering & Technology	Parallel Double Splicing on ISO-Arrays	International	2012	64/474-479		H.Index: 16
379	Bapuji Pullepu & Y. Immanuel	Bonfring International of Software Engineering & Soft Computing	Transient Free Convective Flow over a Vertical cone embedded in a Thermally Stratified Medium	International	2012	2(2)/1-5	0.375	
380	G. Sheeja & S. Sri Bala	Journal of Algebra & Applied Mathematics	Semi Direct Product of Orthodox Ternary Semi Groups	International	2012	10(1&2)/33-47		
381	G. Ramesh, K. Ganesan	IOSR Journal of Mathematics	Duality Theory of Interval Linear Programming Problems	International	2012	4(4)/39-47		
382	Shakeela Sathish, K. Ganesan	Journal of Natural Science Research	Flow Shop Scheduling Problem to Minimize the Rental Cost under Fuzzy Environment	International	2012	2(10)	5.58	
383	V. Subburayan & N. Ramanujam	Applied Mathematics Letters	Asymptotic Initial Value Technique for Singularly Perturbed Convection Diffusion Delay Problems with Boundary and Weak Interior Layers	International	2012	25(12)/2272-2278	1.501	
384	V. Subburayan & N. Ramanujam	Journal of Optimization Theory & Applications	An Initial Value Technique for Singularly Perturbed Convection-Diffusion Problems with a Negative Shift	International	2012	158(1)/234-250	1.423	
385	S. Balamuralitharan & S. Rajasekaran	Research Journal of Recent Sciences	Analysis of G-CSF treatment of CN using FFT	International	2012	1(4)/14-21		H.Index: 3
386	R. Arulprakasam, V.R. Dare & S. Gnanasekaran	Springer Verlag Berling Heidelberg	Deterministic Fuzzy Automata on Fuzzy Regular Omega Languages	International	2012	7643/182-188		
387	S. Balamuralitharan & S. Rajasekaran	Journal of Biological Sciences	Stability of the Six Equilibrium States between CN and G-CSF with infectives Growth Rate Progression: A FFT study	International	2012	1(2)/55-60		

388	S. Balamuralitharan & S. Rajasekaran	International of Applied Mathematics	Determining the Existence of Positive Real Roots in Linear Delay Differential Equation using Discontinuous Real Polynomials	International	2012	78(`1)/105-125	0.235	
389	S. Balamuralitharan & S. Rajasekaran	International of Computer Applications	G-CSF Reduction: The Equilibrium Solution for the DDE and a Sufficient Condition for the Global Stability	International	2012	60(7)/9-16	0.835	
390	R. Varadharajan, V. Dhanraj & S. Vasantha	Indian Journal of Finance	Stock Price Movement through Technical Analysis: Empirical Evidence from Information Technology Sector - Research Paper	National Journal	2012	6(10)/4-17	0.179	
391	R. Kannan, R. Vanimalini & R. Sathiyamoorthi	International Mathematical Archive	A Stochastic Model with Antigenic Diversity Threshold of HIV Transmission under Correlated Intercontact Times	International	2012	3(1)/1-8	4.091	
392	D. Arivudainambi & V. Poongothai	Applied Mathematical Sciences	A Feedback Control Model with Negligible Switching Costs for a Retail Facility	International	2012	6(22)/1053-1070	0.81	
393	Arivudainambi D & P. Godhandaraman	Applied Mathematical Sciences	A Batch Arrival Retrial Queue with Two Phases of Service, Feedback and K Optional Vacations	International	2012	6(22)/1071-1087	0.81	
394	S. Balamuralitharan & S. Rajasekaran	American Journal of Computational Mathematics	A Paramter Estimation Model of G-CSF: Mathematical Model of Cyclical Neutropenia	International	2012	2/(12-20)	0.66	H.Index: 9
395	S. Mohanaselvi & K. Ganesan	International of Computer Science and Engineering	Fuzzy Optimal Solution to Fuzzy Transportation Problem: A New Approach	International	2012	4(3)/367-		
396	Arivudainambi D & P. Godhandaraman	International of Information and Management Sciences	Analysis of an M/G/I Retrial Queue with Two Phases of Services, Balking, Feedback and K Optional Vacations	International	2012	23(2)/199-215		H.Index: 15