

LIST OF ABSTRACTS

S.No.	Title of the Topic	Abst. No.	Page No.
1	A Study on Properties of Iso-Retractable Modules <i>A. K. Chaturvedi</i>	102	41
2	The Associated Results of Fourier-Weierstrass Transforms <i>A.K.Thakur, S.Panda, G .Sao, H.Suryavanshil</i>	155	66
3	Stability Analysis and Performance Evaluation of SEIQRV Model in Wireless Sensor Network <i>Abhay Singh and Pramod Kumar Srivastava</i>	175	75
4	A Modified Weighted Method of Time Series Forecasting Using Type 2 Fuzzy <i>Abhishekh</i>	132	54
5	Best Proximity Point Theorems for Generalized Proximal Contraction in Complete Metric Spaces <i>Ajay Kumar Sharma</i>	50	21
6	Serendipity Fixed Point Using Dual Quasi Contraction <i>Akhilesh Pathak</i>	20	8
7	Fractal Image Compression: An Implementation of Contractive Mapping Fixed Point <i>Amit Kumar Biswas, Sanjeev Karmakar and Sanjay Sharma</i>	76	30
8	On A Family of Perfect Fluid Balls of Class One in General Relativity <i>Amit Kumar Prasad and Jitendra Kumar</i>	149	63
9	Application of Mathematics In Economics : A Study With Different Perspective <i>Anamika Mishra and Gyanesh Kumar Singh</i>	122	49
10	Some Developments on the Dynamics of Transcendental Entire Functions <i>Anand P. Singh</i>	150	63

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
11	Existence of Solutions of Non-linear Fractional Differential Equations With Integral Boundary Value Condition <i>Ananta Thakur, Ramesh Kumar Vats</i>	45	18
12	Common Fixed Point Theorems For Weakly Compatible Mappings In Complex Valued b-Metric Spaces <i>Anil Kumar Dubey, Madhubala Kasar and Ravi Prakash Dubey</i>	44	18
13	Projective Relation Between Two (α, β) -Metrics Characterised By β -Change of Riemannian Metric <i>Anil Kumar Gupta</i>	92	37
14	Fixed Point Theorem in b-Metric Like Spaces And Application to Periodic Boundary Value Problem <i>Anita Gupta</i>	47	20
15	Some Fixed Point Theorems on S_* Metric Spaces <i>Aradhana Sharma and G S Said</i>	5	2
16	Revisiting the Sierpinski Spaces <i>Arun K. Srivastav</i>	183	78
17	Triaxial Model with Varying Axial Ratios for the Intrinsic Shape Determination of Elliptical Galaxies <i>Arun Kumar Singh and D. K. Chakraborty</i>	164	70
18	A Characterization of Orthonormal Wavelet Families in Sobolev Space Over Local Fields of Positive Characteristic <i>Ashish Pathak and Dileep Kumar</i>	142	59
19	Biorthogonal Wavelets in Sobolev Space Over Local Fields of Positive Characteristic <i>Ashish Pathak and Guru P Singh</i>	140	59
20	The Necessay Condition and Sufficient Conditions for Wavelet Frames in Sobolev Space Over Local Fields <i>Ashish Pathak, Dileep Kumar and Guru P Singh</i>	141	59

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
21	Application of Zadeh-Deshpande Formalism in Air Quality Assessment <i>Ashok Deshpande</i>	181	77
22	On Bochner Ricci Semi-Symmetric Hermitian Manifold <i>B. B. Chaturvedi and B. K. Gupta</i>	89	36
23	Motion of A Permeable Shell in A Spherical Container Filled With Non-Newtonian Fluid <i>B. R. Gupta and Vandana Mishra</i>	144	60
24	An Empirical Study In Convergence Rate Of Some Iteration Methods <i>Balwant Singh Thakur</i>	38	16
25	On a Class of Finsler Metrics with Special Curvature Properties <i>Bankteshwar Tiwari</i>	87	35
26	On Semi C-Reducibility of General (α, β) Finsler Metrics <i>Bankteshwar Tiwari, Ranadip Gangopadhyay and Ghanashyam Prajapati</i>	96	38
27	New Methodologies in Metric Fixed Point Theory <i>Binayak S. Choudhury</i>	27	11
28	A Geometrical Study of Wang-Chen System in View of KCC Theory <i>C. K. Yadav</i>	93	37
29	Approximation of Functions Belonging to $W(L^p(\xi(t)))$ Class by $(C, 1) (N, p_n)$ Product Summability Method of its Fourier Series and Conjugate <i>C. S. Rathore and Yamini Yadav</i>	71	28
30	Fixed Point Theorems in A Fuzzy Metric Spaces <i>C.Sreedhar</i>	61	25

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
31	Local Convergence of ChebyshevS Method in Banach Space Under Majorant Condition <i>Chandni Kumari and P. K. Parida</i>	11	4
32	Hybrid Steepest Descent-Like Method For Variational Inequalities Under Property (\mathcal{A}) And Applications <i>D. R. Sahu</i>	182	78
33	History Of Fixed Point Theory In The Context Of Iterative Algorithms <i>D. R. Sahu</i>	184	79
34	Generalization of Pure-Supplimented Modules <i>D.S.Singh</i>	100	40
35	Generalization of Semi Perfect Rings and CS-Modules <i>D.S.Singh</i>	101	40
36	Study of Associated Conjugate Series of a Fourier Series <i>Damyanti Patel, Premlata Verma and Raghu Nandan Patel</i>	125	51
37	Weak Commutative Mappings Satisfying Weak Contraction Condition Involving Cubic Terms of Metric Functio <i>Deepak Jai and Sanjay Kumar</i>	56	23
38	Solving Various Non-linear Problems in Engineering and Science via Fixed Point Theorems <i>Deepak Singh</i>	32	13
39	Some Multivalued Fixed Point Theorems via Simulation Functions in Metric Spaces <i>Deepesh Kumar Pate</i>	48	20
40	Fixed Point Theory of α - Admissible Mappings <i>Dhananjay Gopal</i>	2	1
41	A Gentle Introduction to Quantum and Post-Quantum Cryptography <i>Dhananjoy Dey</i>	83	33

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
42	Solution of Goldbach's Conjecture Theorem <i>Dhanush Prasad Bhardwaj</i>	129	52
43	Convergence Theorems for Asymptotically Nonexpansive Nonsel mappings in CAT (0) Spaces <i>Dipti Thakur</i>	31	13
44	Performance Evaluation of Radial Basis Function Neural Network for Evaporation Estimation in Chhattisgarh Plains Agroclimatic Zone <i>Diwakar Naidu and Babita Majhi</i>	162	69
45	New Pathway Fractional Integral Operator Involving the Product of Two I- Functions <i>Farha Naz and Rajeev Shrivastava</i>	174	74
46	Fixed Points of (α, β, φ) - Contractive Maps and Property(P), and Common Fixed Points of a Pair of Maps in S-Metric Spaces <i>G. V. Ravindranadh Babu</i>	24	10
47	PPF Dependent Fixed Points and Common Fixed Points of Multi Valued Mappings in Banach Spaces <i>G. V. Ravindranadh Babu and M. Vinod Kumar</i>	63	25
48	Convergence, Data Dependence, Stability results for AK-iteration Procedure <i>G. V. Ravindranadh Babu, G. Satyanarayana</i>	53	22
48a	Fixed Points Of (α, ψ) -Geraghty Contractions in Metric-Like Spaces G.V.Ravindranadh Babu, K.K.M.Sharma and P.H.Krishna	186	80
49	Best Proximity Point Results via Simulation Functions <i>G. V. V. Jagannadha Rao ¹ and Hemant Kumar Nashine</i>	43	17
50	On Metric Structures Associated with Finsler Metrics <i>Gauree Shanke</i>	88	36

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
51	Constructions of Some Projectively And Dually at Finsler Metrics <i>Gauree Shanker, Sarita Rani and Kirandeep Kaur</i>	91	37
52	Weighted Quasi-Metrics Associated with Finsler Metrics <i>Gauree Shanker and Sarita Rani</i>	90	36
53	Common Fixed Point Theorem for Self Mappings in G-Metric Spaces Using C-Class Function <i>Gopal Meena</i>	62	25
54	An Infinite Series of Generalized Negacirculant Weighing Matrices Of Weight 3 <i>Gopal Prajapati and Mithilesh Kumar Singh</i>	163	69
55	Fixed Point Theorem for H^+ - Reich Type Contraction on Metric Space with a Graph <i>H. K. Pathak and Ekta Tamrakar</i>	55	23
56	Degree of Approximation of continuous Function in the Holder Metric by $(C1)F(a, q)$ Means of its Fourier Series <i>H.L. Rathore and U. K. Shrivastava</i>	172	73
57	Application of Mathematics in Economics <i>Harsha Sahu, Yogita Satish Garwal and Nikita Vidhani</i>	161	68
58	Solvability of Functional Differential Equations via Fixed Point Theory <i>Hemant Kumar Nashine</i>	40	16
59	Some Sequences of Quaternary Complex Hadamard Matrices With Full Spectrum <i>Hrishikesh Mahato and Naseer Ahmad Malik</i>	139	58
60	Proximal Point Algorithm in CAT(0) Spaces <i>Izhar Uddin</i>	74	29

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
61	On Different Approaches for Integrals of Physical Dynamical Systems <i>Jasvinder Singh Virdi</i>	146	61
62	The Theory of Inference for Statement Calculus in Reference of Composition Mappings and Relation Matrix <i>Jayesh Tiwari and Rajendra Tiwari</i>	178	76
63	Fuzzy Pre Compactness in Sostak Fuzzy Topological Space <i>Jyoti Gupta and M. Shrivastava</i>	110	43
64	Fixed Point Theorem For Weak Contraction Condition in PM-Menger Space <i>Jyotsana Majumdar</i>	51	21
65	Quadruple Fixed Point Result in Partially Ordered G-metric Space Satisfying Mixed g-Monotone Property <i>K.B.Bajpai and M. P. Gandhi</i>	70	28
66	Existence of Solution of Nonlinear Functional Integral Equation via Measure of Noncompactness and Petryshyn Fixed Point Theorem <i>K. Sakure</i>	42	17
67	A Common Coupled Fixed Point Theorem Using E.A.Like Property in Supernova Spaces <i>K. Sridevi, M.V.R. Kameswari, D.M.K. Kiran</i>	69	28
68	Drag on a Porous Sphere Embedded in Micropolar Fluid With Non-Zero Spin Boundary Condition <i>K.Ramalakshmi, Pankaj Shukla</i>	121	49
69	Strong Convergence Theorem for Accretive Non Self Mapping With Applicatio <i>Kailash Kumar Dewangan and Shabnam Khan</i>	41	17
70	Role of Birkhoff-James Orthogonality in the Geometry of Banach Space <i>Kallol Paul</i>	33	14

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
71	A Non-Newtonian Power Law Model for Two Phase Cerebral Blood Flow in Human Artery During Bacterial Meningiti <i>Kasheer Prasad Barroh, V. Upadhyay and P.N. Pande</i>	153	65
72	A Common Coupled Fixed Point Theorem in S_b -Metric Spaces <i>Khomdram Bulbul Singh and Yumnam Rohe</i>	8	3
73	Dark Energy And Dark Matter <i>Kishor Adhav</i>	148	62
74	Some Fixed Point Theorems for α -rational type Geraghty Contraction Mapping in Metric Spaces <i>Koti N.V.V.Vara Prasad and A. K. Singh</i>	34	14
75	Some Common Fixed Point Theorems Under a New Contractive Condition <i>Koti N.V.V.Vara Prasad and A. K. Singh</i>	35	14
76	Asymptotic Center, Chebyshev Center and Fixed Point Theorems <i>Laishram Shanjit and Yumnam Rohen</i>	7	3
77	A Common Fixed Point Result in Dislocated Quasi Metric Spaces <i>Laisom Sharmeswar Singh</i>	77	30
78	Some Recent Progress in Hybrid Dynamical Systems <i>Lakshmi Narayan Mishra</i>	67	27
79	A Common Fixed Point Theorem in Fuzzy Metric Spaces Using the CLRg Property <i>Mahendra Singh Bhadauriya</i>	66	27
80	The Science Of Statistics: Its Application in Sports Performance Analytics <i>Mahesh Yadav, Sanjit Sardar and Ajay Pandey</i>	135	56

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
81	On Existence of Williamson Skew-Type Symmetric Matrice <i>Malik Naseer Ahmad and Hrishikesh Mahato</i>	127	52
82	Fractal and Chaos in Picard-Mann Hybrid Orbit <i>Mamta Rani</i>	1	1
83	MHD Flow And Heat Transfer of A Viscous Fluid Past A Vertical Plate With Heat Sourc <i>Manasi Mishra and J.P.Panda</i>	156	66
84	Fixed Point Result for T-Ciric Generalized Contraction with c-distance in Cone Metric Spaces <i>Manish Sharma</i>	65	26
85	The Existence of Fixed Point Theorems in Complex Valued b-Metric Spaces for Two Self Mappings <i>Manjula Tripathi and Anil Kumar Dubey</i>	39	16
86	Einstein Generalized Kropina Conformal Change of M -th Root Metric <i>Manoj Kumar</i>	128	52
87	Common Fixed Point Theorems for Three Self Maps in Cone 2-Metric Spac <i>Manoj Solanki</i>	29	12
88	A Note On Retro Bessel Sequences in Banach Spaces <i>Mayur Puri Goswami</i>	166	71
89	La-Noetherian in a Generalized La-Ring <i>Md. Helal Ahmed</i>	99	39
90	On Lie Nilpotent Modular Group Algebras <i>Meena Sahai and Bhawat Shara</i>	98	39
91	Relation - Theoretic Contraction Principle and Some Recent Related Results <i>Mohd. Imda</i>	23	10

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
92	Fixed Point Theorems for Kannan Type Mappings in b-Metric Like Spaces <i>Mudasir Younis</i>	21	9
93	A New Common Coupled Fixed Point Theorem in S_b -Metric Space <i>N. Priyobarta and Yumnam Rohen</i>	9	3
94	Dirac Operators On $TM \oplus T^*M$ <i>Nihar Ranjan Satapathy and Rashmirekha Patra</i>	68	27
95	(ψ, ϕ) Berinde Type F -Contraction and Fixed Point Results in Partially Ordered Metric Like Spaces <i>Om Prakash Chauha</i>	58	24
96	Cryptography from Vedas to Modern Times <i>Omkar Lal Shrivastava and Sumita Shrivastava</i>	78	31
97	Modern Cosmological Concepts In Ancient Indian Sanskrit Literature <i>Omkar Lal Shrivastava and Sumita Shrivastav</i>	123	50
98	Mathematics in Economics - An Application of Basic techniques of Calculus in Economic Problem <i>P. Jayalakshmi and K. Narasimha Murt</i>	134	55
99	Assessment of Stock Length for One Dimensional Cutting Stock Problem With Sustainable Trim Loss <i>P. L. Powar and Siby Samuel</i>	130	53
100	Proximity Points in Metric Spaces for Noncyclic Contraction <i>P. Maity, B. S. Choudhury and K. C. Pati</i>	52	22
101	Complex Dynamics Induced by Anti-Predator Behaviour of Prey: A Mathematical Study <i>P. Mishra and S.N. Raw</i>	114	45

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
102	Applications of Fixed Point Theorems and Best Proximity Point Theorems to Generalized Nash Equilibrium Points <i>P. Veeramani</i>	17	7
103	Fixed Point Theorems And Best Proximity Point Theorems Related to Non-Expansive And Relatively Non-Expansive Mappings and Some Related Open Problems <i>P. Veeramani</i>	18	7
104	One Dimensional Cutting Stock Problem <i>P.L.Power</i>	152	64
105	A Generalized Fixed Point Theorem of Presić Type in Modular Metric Spaces <i>P.P.Murthy and Rashmi</i>	10	4
106	An Improvement of ECC with Hill Cipher Generation for Secure Text Crypto System <i>P.P.Murthy and Somnath Karmaker</i>	82	32
107	Coupled Fixed Point Theorems for Nonlinear Contractions in Kaleva-Seikkala's Type Fuzzy Metric Space <i>P.P.Murthy and Uma Devi Patel</i>	25	11
108	C-Class Contraction Condition for Set Valued Mappings <i>P.P.Murthy and Uma Devi Patel</i>	26	11
109	Energy consumption reduction in Mobile System : A Step towards Green Computing <i>P.S.Srivastava</i>	170	73
110	Analysis of Security Attacks Based Upon Residual Energy <i>Pankaj Chandr</i>	147	62
111	Hyper-Surface Of A Semi-Almost Hermitian Manifold <i>Pankaj Pandey</i>	95	38

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
112	New Contraction For Obtaining Fixed Point Theorem In Metric Space <i>Penumarthy Parvateesam Murthy</i>	14	6
113	Remarkable History for Obtaining Fixed and Common Fixed Points <i>Penumarthy Parvateesam Murthy</i>	15	6
114	The Iterative Method for H-accretive operator and Related Variational Inequality Problem <i>Poonam Mishra and Shailesh Dhar Diwan</i>	60	24
115	Holomorphic Functions on Manifolds <i>Pradeep Kumar Pandey</i>	94	38
116	A study of Dengue Disease Model with Vaccination Strategy <i>Pradeep Porwal, S. K. Tiwari, V. H. Badshah</i>	160	68
117	On Fixed Points of Multivalued Mappings Without Using Hausdorff Distance in Symmetric Spaces <i>Pradip R. Patle and Deepesh Kumar Patel</i>	30	12
118	Rough Intuitionistic Q - Fuzzy Sets And Rough Intuitionistic Q - Fuzzy R - Subgroups of Near-Rings <i>Prasenjit Mandal and A. S. Ranadive</i>	106	42
119	Rough Intuitionistic Fuzzy N -Ary Subgroupoids and Subquasigroups <i>Prasenjit Mandal and A. S. Ranadive</i>	107	42
120	Rough Intuitionistic Fuzzy Sets and Rough Intuitionistic Fuzzy Subgroups <i>Prasenjit Mandal and A. S. Ranadive</i>	108	43
121	Soft Intuitionistic Fuzzy Sets and Soft Intuitionistic Fuzzy Subgroups <i>Prasenjit Mandal and A. S. Ranadive</i>	109	43

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
122	(P, L) -Fuzzy Rough Approximation Operators Based on Tied Adjointness Algebra <i>Prasenjit Mandal and A. S. Ranadive</i>	111	44
123	On Harmonic Analogous of Analytic Univalent Functions <i>Priyabrat Gochhayat</i>	136	57
124	Characterization of Willmott Intuitionistic Fuzzy Implications Based on Mathematical Connectives <i>Priyanka Singh, Amitabh Banerjee</i>	113	45
125	A New Class of Contra-Continuous in Ideal Topological Spaces <i>Purushottam Jha and Manisha Shrivastava</i>	168	72
126	Convexificators on Vector Valued Optimization Problems Under Generalized Invexity Assumptions <i>Pushkar Jaisawal and Vivek Laha</i>	169	72
127	Error Bounds Of Deficient Quartic Spline Interpolation <i>Pushpraj Singh Choudhary</i>	171	73
128	Ensemble of Data Mining Classifiers on Cancer Dataset <i>Puspalata Pujari and Kiran Sahu</i>	117	46
129	Common Fixed Point Theorems for Rational Expressions and Weak Commuting Mappings in Complete Cone Metric Spaces <i>R.A. Siddqui and B.P. Tripathi</i>	57	23
130	Coincidence Point Theorem in Menger PM-Space <i>R.N. Patel, Manoj Tiwar and Damyanti Patel</i>	73	29
131	On Kannan Fixed Point Theorem <i>R.P.Pant</i>	22	9
132	Complexity of real life problem solved by Dynamic programming Technique <i>Rahidas Kumar and Sahdeo Mahto</i>	72	29

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
133	Homotopy Perturbation Method with Laplace Transform for Boundary Value Problems <i>Rajnee Tripathi</i>	19	8
134	A Study on Mathematics in Finance and Economics <i>Rakesh Kumar Gupta and K.K. Sharma</i>	131	53
135	Algorithm to Normalize the Hamiltonian and Its Application to Discuss the Non-Linear Stability of Equilibrium Point <i>Ram Kishore</i>	4	2
136	The Class of Kasami Negabent Boolean Functions <i>Rashmeet Kaur and Deepmala Sharma</i>	97	39
137	Comparative Analysis of Adaboost with other Face Detection Algorithms <i>Amitesh Kumar Jha and Sushma Jaiswal</i>	157	66
138	Conformal Multi Dirac Structures <i>Rashmirekha Patra</i>	116	46
139	Generalization of New Type of Sequence Space <i>Rayees Ahmad and Syed Najam u Hassan</i>	3	1
140	Properties of Input Independent Fuzzy Automata <i>S S Dhure and S R Chaudhari</i>	176	75
141	Orbital Continuity and Fixed Points of Discontinuous Maps <i>S. K. Padaliya and Rajni Bahuguna</i>	28	12
142	Double Diffusive Free Convective MHD - Chemically Reacting Flow Past a Low -Heat -Resistance Sheet with Soret And Dufour Effects <i>S. Kapoor</i>	133	55
143	On The Images of Power Maps in Groups of Lie Type <i>S.G.Dani</i>	103	41

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
144	Historical development of mathematics in India <i>S.G.Dani</i>	105	42
145	Metric Space and Common Fixed Point Results for Pair of Hybrid Measurable Mappings <i>S.K.Tiwari and Kaushik Das</i>	64	26
146	On the Existence Results For a System of Nonlinear Fractional Differential Equations <i>Sachin Kumara, Ramesh Kumar Vatsa and Hemant Kumar Nashine</i>	46	19
147	Cryptography from Classical to Modern <i>Sahadeo Padhye</i>	81	42
148	Approximation of Fixed Point for Suzukis Generalized Non-expansive Mappings <i>Samir Dashputre</i>	36	15
149	Mathematics in Vedas: Historical and Astrological Perspective <i>Sandeep Singh</i>	115	41
150	Statistical Techniques and its applications <i>Sandeep Singh and C. P. Dhuri</i>	158	67
151	Mathematical Modeling of Neural Network <i>Sandeep Singh and C. P. Dhuri</i>	159	67
152	Neural Network Technique in Stock Market Prediction <i>Sandeep Singh and C.P.Dhuri</i>	119	47
153	Hyperbolic Measure of Information <i>Sandeep Singh and C.P.Dhuri</i>	173	74
154	Common Fixed Point Theorem for Weakly Compatible Maps in Digital Metric Spaces <i>Sanjay Kumar</i>	59	24

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
155	Use of MLR, PLSR and PCR Analysis in The Development of Quantitative Structure Activity Relationship: A Case Study on Isatin Derivatives as Human Intestinal Carboxylesterase Inhibitors <i>Sanmati K Jain and Achal Mishra</i>	120	48
156	Improvement of Wireless Sensor Network'S Performance By-intelligent Reinforcement Learning Algorithm (Irla) <i>Santosh Soni and Manish Shrivastava</i>	143	60
157	An Analysis of Automatic Evaluation of Text Coherence <i>Satyendra Yadav, Manoj Kumar and Rajiv Ratn Shah</i>	86	35
158	A Panoramic View of the KKM Theory <i>Sehie Park</i>	13	5
159	A Provable Secure Mutual Authentication And Key Agreement Protocol Using Bilinear Pairing <i>Shaheena Khatoon</i>	79	31
160	On the Convergence of Mann type Iteration Process <i>Shailesh Dhar Diwan</i>	49	21
161	Yet Another Generalization of Sylvesters Theorem <i>Shanta Laishram, Sudhir Ngairangbam and Ranjit Singh Maibam</i>	16	7
162	Block Structured (Complex) Hadamard matrices from (Complex) Orthogonal Designs <i>Sheet Nihal Topno and Mithilesh Kumar Singh</i>	177	76
163	Construction of Hadamard Matrix <i>Shipra Kumari and Hrishikesh Mahato</i>	138	58
164	Computation Efficient Group Key Transfer Protocol based on Secret Sharing Scheme <i>Shruti Nathani and B.P.Tripathi</i>	84	33

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
165	Study on Methodology System of Sports Statistics Data In Excel <i>Sravan Kr. Singh Yadav, Surendra Kumar and Krishna Pratap Singh</i>	126	51
166	Square Root Algorithm Using Vedic Mathematic <i>Sugandha Yadav</i>	118	47
167	A New Method of Forecasting Based on Moving Average Fuzzy Time Series <i>Surendra Singh Gautam, Abhishekh, S.R. Singh</i>	137	57
168	On Iso-Artinian Rings <i>Surya Prakash¹ and A. K. Chaturvedi</i>	104	41
169	A Study on Application of Mathematical Science in Forensic Investigations <i>Sushma Upadhyay</i>	124	50
170	Finite Element Approximations of Parabolic Equations in Nonconvex Polygonal Domains with Measure Data <i>Tamal Pramanick¹ and Rajen Kumar Sinha</i>	12	4
171	Soft Computing Techniques Based Image Classification Using Support Vector Machine Performance <i>Tarun Jaiswal and Sushma Jaiswal</i>	154	65
172	Cryptanalysis on Zhang et al. Scheme <i>Tejeshwari Thakur</i>	80	32
173	Necessary and Sufficient Conditions for The Existence of Common Fixed Points Under Occasionally Weakly Compatible Condition <i>Tulika Ojha</i>	75	30
174	Some Extensions of Matkowski'S Contraction Principle <i>U.C. Gairola</i>	37	15

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
175	On Generalized Robertson-Walker Spacetimes <i>Uday Chand De</i>	167	71
176	Fixed Point Results on Modified $\alpha - \phi$ Fuzzy Contractive Mappings with an Applications <i>Urmila Mishra</i>	179	76
177	Replenishment Policy for EMQ Model with Imperfect Production <i>Uttam Kumar Khedlekar and Neelesh Gupta</i>	151	64
178	Modelling of Neuronal Activations Dead Zones a New Paradigm <i>V. Sree Hari Rao</i>	85	34
179	Drag Experienced by a Composite Sphere in an Incompressible Micropolar Fluid <i>Vandana Mishra and B. R. Gupta</i>	145	61
180	Residual Power Series Method for Solving Nonlinear Time Fractional Systems of Partial Differential Equationsd <i>Ved Prakash Dubey and Rajnesh Kumar</i>	185	80
181	Coupled Best Proximity Point Theorems for g-Mixed Monotone Mappings in Partially Ordered Metric Spaces <i>Vinita Dewangan, Amithbh Banerjee</i>	180	77
182	Existence of Solution of Boundary Value Problem via F - Contraction in Metric-Like Spaces <i>Vishal Joshi</i>	54	22
183	On T-Strong Convergence of Numerical Sequence and Fourier Series <i>Vishnu Narayan Mishra</i>	165	70
184	Approximation By Deficient Discrete Quartic Spline Interpolation <i>Y.P.Dubey¹, Puspraj Sing Choudhary And Lokesh Sharm</i>	187	80

Continued on next page

Continued from previous page

S.No.	Title of the Topic	Abst. No.	Page No.
185	Operations on Fuzzy Number-Valued Fuzzy Graphs <i>Y. Vaishnaw and G. P.Pandey</i>	112	44
186	Fixed points of contraction mappings in S -metric and S_b -metric spaces <i>Yumnam Rohen</i>	6	2