CONTENTS

S. C. Sharma and Vivek Vijay	Costing for an EOQ Model for Deteriorating Items with Stock Dependent Demand Rate.	... 189
Deshna Loonker	Fractional Natural Transform and The Mittag-Leffler Function.	... 201
R. N. Jat, S. C. Sharma, Sanjay Jain and Anchal Choudhary	Fuzzy Approach for Solving Transshipment Problem.	... 213
Satya Prakash Singh	Certain Identities Involving Lambert Series.	... 225
Thomas Koshy	Gibonacci Extensions of Block's Summation Formulas.	... 233
R. K. Sharma, V. Raich and C. S. Chauhan	Generalized Contraction and Common Fixed Point in Partially Ordered Metric Spaces.	... 241
Deepak Rout and T. Som	A Coupled Fixed Point Result on Generalised Cone Metric Space.	... 253
D. K. Jain, Renu Jain and Durgesh Rastogi	A Variational Finite Element Method to Study Tear Evaporation and Intra-Ocular Temperature in Human Eye.	... 263
R. K. Dubey, S. S.Thakur and S. S. Rana	Shape Preserving Interpolation Using GC^1 Rational Cubic Trigonometric Spline.	... 283
Shyamal Debnath, Jayanta Debnath and Debasish Bhattacharya	On Some Classes of Sequences of Intuitionistic Fuzzy Numbers with Respect to Ideals.	... 295
A. Rameshkumar and R. Palanikumar	The Wiener Lower Sum and Upper Sum of Friendship Graph F_n^r.	... 305
R. Ponraj, and M. Maria Adaickalam	Quotient Cordial Labeling of Some Star Related Graphs	... 313
R. K. Sharma, Anupam Jain and Rajnish Jain	Some Common Fixed Point Theorems of Mappings Satisfying an Implicit Relation.	... 325
Anjan Debnath and R. Sahadevan	On Factorisation of Certain 5th Degree Polynomials.	... 339
A. Ramesh Kumar and S. Deepa	Solving Assignment Problems Using Best Job Method.	... 353
Dinesh Singh Yadav Shailendra Singh Thakur and S. S. Thakur	Related Fixed Point Theorem on Two Fuzzy Metric Spaces.	... 371
Index	The Journal of the Indian Academy of Mathematics Volume 37 (1 and 2), 2015.	... 381

CONTENTS

S. Lakshmi and M. Gayathri	Mathematical Model for the Administration of the Oxytocin therapy of Inflammatory Diseases in Healthy Men.	...	1
Gurajada Suryanarayana Murty	A Note on Theorem of Unequal Pair of Lunes.	...	13
Anita Biswas and Smita Verma	Optimality Condition for Linear Fractional Programming Problem.	...	19
S. K. Bhatt and Rajeev Shrivastava	Application of *I*-Function in One-Dimensional Heat Equation.	...	25
Bidyarani S and Tomba I.	Migration Aspects in the States of the North Eastern Region, India.	...	31
S. C. Sharma and Menu Devi	Generalized Fractional Integration and Differentiation of Wright Generalized Hypergeometric Function.	...	47
Anjana Singh	Two Interior Griffith-Cracks Opened by Thermal Stress in an Orthotropic Infinite Strip.	...	59
A. Ramesh Kumar and M. S. Ponmudi	Partial *P*-Matrices of Associated Graph.	...	75
Asma Shaikh and Sarita Thakar	Analytical and Numerical Stability of Volterra Delay Integro-Differential Equations.	...	83
S. B. Joshi, S. S. Joshi and H. H. Pawar	On A Subclass of Starlike Functions with Fixed Points.	...	101
D. K. Jain, Renu Jain and Anjali Thakur	Pathway Fractional Integral Images of Product of Some Generalized Hypergeometric Functions.	...	113
Archana Gawande, Vivek Raich and Shweta Rai	Fuzzy Matrix Solution for the Study of Teacher's and Student's Evaluation.	...	127
Thomas Koshy	Catalan Identities Revisited.	...	137
A. Ramesh Kumar and V. Krishnan	RAM Modeling and LHD System Analysis using a Markov Model.	...	143
Nitin S. Mujumdar and Rohit D. Bhagwat	The Effect of Wall Slip Boundary Condition on Couette Flows of Maxwell Fluid.	...	159