



Prof Sanjay Jain

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Phone: , +918209766566

Address: ,Rajasthan,India - 305004

Expertise

Mathematics

OPERATIONS RESEARCH, MATHEMATICAL PROGRAMMING PROBLEM, MATHEMATICAL MODELING

Work experience

1. Commisionerate of College Education 2023 — Present

Principal
Jaipur

2. <https://spcgajmer.ac.in/> 2018 — 2023

Professor
Ajmer

3. Samrat Prithviraj Chauhan Government College, Ajmer 2008 — 2018

Associate Professor
Ajmer

4. Samrat Prithviraj Chauhan Government College, Ajmer 1999 — 2008

Assistant Professor
Ajmer

5. Sanatan Dharma Government College, Beawar 1997 — 1999

Assistant Professor
Ajmer

6. P.S.B. Government College, Shahpura 1996 — 1997

Assistant Professor
Bhilwara

7. Dayanand College, Ajmer 1990 — 1996

Assistant Professor
Ajmer

Education

1. MCA - 2005

IGNOU

2. CIC - 2001

IGNOU

3. Ph.D. - 2000

University of Rajasthan

4. M.Phil. - 1992

University of Rajasthan

5. M.Sc. - 1989

Government Autonomous College Ajmer

Honours and Awards

1. Fellow Member - 2023

I2OR

2. Prof. P. C. Mahalanobis Award - 2021

Operational Research Society of India

3. **State Level Higher Education Teacher Award - 2020**

Government of Rajasthan

4. **Albert Nelson Marquis Lifetime Achievement Award - 2018**

Marquis Who's Who, USA

5. **Top 100 Professionals - 2014**

International Biographical Centre, UK

6. **Fellow Member - 2014**

International Science Congress Association

7. **Award of Registration, Travel and Accommodation Support for attending ICM2010 - 2010**

International Congress of Mathematicians

8. **Best Research Paper - 2009**

Rajasthan Ganita Parishad

9. **Obtained Highest Marks in M.Sc. Maths Exam - 1989**

Govt. Autonomous College Ajmer

10. **National Scholarship - 1987**

Govt. of India

Research Project

A Study of fractional programming

Role: Principal Investigator

Year 2004, Amount 20000

Maintenance Policies for Flexible Manufacturing Systems

Role: Principal Investigator

Year 1998, Amount 25000

Membership In Professional Bodies

1. Rajasthan Academy of Physical Sciences, 2016
Life Member
2. Indian Academy of Mathematics, 2005
Life Member
3. The Indian Society of Industrial and Applied Mathematics, 2005
Life Member
4. Indian Mathematical Society, 2003
Life Member J-03-031
5. Operational Research Society of India, 1999
Ex Vice President, Ex Council Member, Life Member
6. Rajasthan Ganita Parishad, 1992
Ex Treasurer, Life Member

Membership In Committees

1. BOS Member in MDS University Ajmer, 2023
Convener
2. BOS Member in MDS University Ajmer, 2020
Convener
3. Operational Research Society of India, 2010
Vice President
4. Operational Research Society of India, 2008
Council Member
5. Rajasthan Ganita Parishad, 2006
Treasurer

Patent

- 1. IOT based small portable low-cost Apparatus for unauthorized parking detector**
Inventor(s): Acharya, Biswaranjan; Makkar, Sandhya; Nanda, Ipseeta; Imam, Haru; Goyal, Mukta; Das, Puja; Jamader, Asik Rahaman; Jain, Sanjay; Mangal, Adarsh; Kar, Rahul; Verma, Kirti, Assignee:
Published: 0000-00-00
- 2. A system and method for optimum wavelet basis function selection for ECG arrhythmia denoising using artificial intelligence**
Inventor(s): CHANDNANI, NEERAJ; Chandani, Mukta; Godhandaraman, P.; Jain, Sanjay; Kar, Rahul; Mangal, Adarsh; Poongothai, V.; Sahu, Uma; Shrivastava, Vineeta; Singh, Ganga; Verma, Kirti; Verma, Shivali, Assignee:
Published: 0000-00-00
- 3. A patient monitoring system based on block chain**
Inventor(s): TAHASIN, ZULKERNYNE; Pamba, Raja; Jain, Sanjay; Sharma, Krishan; Badlani, Manish; Shabaz, Mohammad; Kumar, Pawan; Aftab, Muhammad; Nazila, Ragimova and Vugar, Abdullayev, Assignee:
Published: 2022-03-30
- 4. AN ARTIFICIAL INTELLIGENCE AND BLOCK CHAIN BASED SYSTEM FOR FARMERS EMPOWERMENT**
Inventor(s): BOPPANA, UDAYA; Pamba, Raja; Jain, Sanjay; Sharma, Krishan; Mangal, Adarsh; Pandit, Prajjawal; Shawl, Rashed; Khan, Rijwan; Garg, Urvashi and Dhiman, Gaurav, Assignee:
Published: 2022-04-13

Publication

- 1. Modeling of Fourier-Motzkin Elimination Technique for Separable Programming Problem**
Pawan Tak, Gyan Shekhar, Sanjay Jain, Adarsh Mangal
Applications of Operational Research in Business and Industries, Volume , Year 2023, Pages 384
- 2. Bio-Inspired Optimization Technique for Feature Selection to Enhance Accuracy of BC Detection**
Kalaiyarasi V.;Meenakshi ;Jain S.;Jain S.;Umapriya R.;Sarala R.;Siva Ramkumar M.
6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings, Volume , Year 2023, Pages 741-748
- 3. Modeling Of Gauss Elimination Technique For 2xn Games**
Sanjay Jain , Adarsh Mangal , Priyanka Jain
Compliance Engineering , Volume 14(4), Year 2023, Pages 16-25
- 4. MODELING OF MODIFIED FOURIER ELIMINATION TECHNIQUE FOR 2xn GAMES**
Sanjay Jain, Adarsh Mangal, Priyanka Jain, Vaibhav Jain

5. **AHA Simplex Algorithm for FPP**

Sanjay Jain, Adarsh Mangal, Vijayraj Singh Shekhawat

Prof. P C Vaidya National Conference on Mathematical Sciences , Volume , Year 2022, Pages

6. **Applied Mathematics**

Dr Sanjay Jain, Dr Adarsh Mangal etc.,

Applied Mathematics, Volume 1, Year 2021, Pages

7. **Solution of Linear Fractional Programming Problem by Fourier-Motzkin Elimination Technique**

Pawan Kishore Tak, Gyan Shekhar, Sanjay Jain, Adarsh Mangal

Turkish Journal of Computer and Mathematics Education,, Volume , Year 2021, Pages

8. **KKL Simplex Algorithm for Multi-Objective Linear Programming Problem**

Sanjay Jain, Adarsh Mangal

Journal of Xidian University, Volume , Year 2021, Pages

9. **New (S+As) EIR Mathematical Model For Covid Epidemic**

Sanjay Jain, Adarsh Mangal, Shagun Jain

Vigyan Prakash, Volume , Year 2021, Pages 65-74

10. **New Mathematical Model for Covid Epidemic**

Sanjay Jain, Adarsh Mangal, Shagun Jain

Advancement in Biotechnology and Pharmaceutical Mathematics, Volume , Year 2021, Pages 10-20

11. **Modeling of Gauss Elimination Technique and AHA Simplex Algorithm for Multi-objective Linear Programming Problems**

Sanjay Jain, Adarsh Mangal

Asian Journal of Probability and Statistics, Volume , Year 2020, Pages

12. **A new Mathematical Model for COVID-19**

Sanjay Jain, Shagun Jain

Communication in Mathematical Modeling and Applications, Volume , Year 2020, Pages

13. **Solution of Multi-Objective Linear Programming Problem using Modified Fourier Elimination Technique & AHA Simplex Algorithm**

Sanjay Jain, Adarsh Mangal

AryaBhatta Journal of Mathematics and Informatics, Volume , Year 2020, Pages

14. **Modeling Of Quadratic Programming Problem Via AHA Simplex Algorithm**

Sanjay Jain, Adarsh Mangal

Compliance Engineering Journal , Volume , Year 2020, Pages

15. **A Comment on S Nahar & Md. Abdul Alim (2017): A New Statistical Averaging Method to Solve Multi-Objective Linear Programming Problem**

Sanjay Jain, Adarsh Mangal

16. **Modelling of nature inspired modified Fourier elimination technique for quadratic optimization**

Sanjay Jain, Adarsh Mangal, Sangeeta

International Journal of Swarm Intelligence, Volume , Year 2020, Pages

17. **A heuristic approach to deduct the redundant constraints in FPM**

ML Agarwal, Sanjay Jain, Adarsh Mangal, VRS Shekhawat

Vigyan Prakash, Volume , Year 2020, Pages

18. **Goal Optimization for Electricity Management**

Sanjay Jain, Neeta Jain, Ritu Khanna

International Journal of Engineering and Technical Research, Volume , Year 2019, Pages

19. **Modeling of Gauss elimination technique for quadratic optimization**

Sanjay Jain, Adarsh Mangal, Sangeeta

Advances in Modelling and Analysis , Volume , Year 2019, Pages

20. **C-Approach of abs algorithm to solve linear fractional programming problem by converting it into single linear programming problem**

Sanjay Jain, Adarsh Mangal, Sangeeta

AryaBhatta Journal of Mathematics and Informatics, Volume , Year 2019, Pages

21. **Inventory model for deteriorating items with price and time-dependent seasonal demand**

Sharma P.;Sharma A.;Jain S.

International Journal of Procurement Management, Volume 12, Year 2019, Pages 363-375

22. **Use of goal programming approach in banking sector**

Sanjay Jain, Neeta Jain

Ajanta, Volume , Year 2018, Pages

23. **Goal programming optimization model for a diabetic person**

Sanjay Jain, Neeta Jain

J. of Emerging Technologies and Innovative Research, Volume , Year 2018, Pages

24. **Modeling of Modified Fourier Technique for Solving Separable Non Linear Programming Problem**

Sanjay Jain, Kishan Singh

Advanced Modeling and Optimization, Volume , Year 2018, Pages

25. **Use of Goal Programming Approach for Allocation of Teachers for Paper Correction**

Sanjay Jain, Neeta Jain

Research Journal of Science and Technology, Volume , Year 2017, Pages

26. **Simultaneous Procurement and Pricing Policy for Inventory Model with**

Price and Time Dependent Seasonal Demand

Ashish Sharma, Pratibha Sharma, Sanjay Jain

Aryabhata Journal of Mathematics & informatics , Volume 9(2), Year 2017, Pages 243-248

27. Role of Multiple Integral in Transform Calculus

Sanjay Jain, Kiran Bhateja

Journal of Computer and Mathematical Sciences, Volume , Year 2017, Pages

28. Inverse optimization and its applications

Sanjay Jain, Adarsh Mangal, Nitin Arya, VRS Shekhawat

Vigyan Garima Sindhu, Volume , Year 2017, Pages

29. Mathematical approach for N-Queens problem with isomorphism

Sanjay Jain, Chander Shakher

Advanced Modeling and Optimization, Volume , Year 2017, Pages

30. Ranking method for fuzzy linear programming using octagonal fuzzy numbers

Anchal Choudhary, RN Jat, SC Sharma, Sanjay Jain

J of Indian Academy of Mathematics , Volume , Year 2017, Pages

31. Solution of an extended fractional programming problem with non-differentiable function

Sanjay Jain, Adarsh Mangal

Research Journal of Mathematics and Statistical Science, Volume 4(6) July, Year 2016, Pages 1-5

32. Goal programming problems and its application in various fields

Sanjay Jain, Neeta Jain

Int J of Research, Volume , Year 2016, Pages

33. A new algorithm for solving fuzzy assignment problem using branch and bound method

Anchal Choudhary, RN Jat, SC Sharma, Sanjay Jain

International Journal of Mathematical Archive, Volume , Year 2016, Pages

34. Alternative algorithm for fuzzy quadratic fractional programming problem

Anchal Choudhary, RN Jat, SC Sharma, Sanjay Jain

AryaBhatta Journal of Mathematics and Informatics, Volume , Year 2016, Pages

35. Statistical and Probability Theory

Sanjay Jain, Adarsh Mangal etc.

Statistical and Probability Theory, Volume , Year 2016, Pages

36. A Fuzzy Approach for Solving Mixed Intuitionistic Fuzzy Travelling Salesman Problem

Anchal Choudhary, RN Jat, SC Sharma, Sanjay Jain

International Journal of Mathematical Archive, Volume , Year 2015, Pages

37. **Computer Code Algorithms and Encryption Laws for Security**
Sanjay Jain, Vaibhav Jain
Journal of Computer and Mathematical Sciences, Volume , Year 2015, Pages
38. **Fuzzy approach for Solving Transshipment Problem**
Anchal Choudhary, RN Jat, SC Sharma, Sanjay Jain
J of Indian Academy of Mathematics , Volume , Year 2015, Pages
39. **Statistical study of video game effects on children's**
Sanjay Jain, Chander Shakher
International Journal of New Trends in Arts, Sports & Science Education, Volume , Year 2014, Pages
40. **Super collapse puzzle-Play and Creating space**
Sanjay Jain, Chander Shakher
AryaBhatta Journal of Mathematics and Informatics, Volume , Year 2014, Pages
41. **Mathematical Modelling for Dice Finder Game Problem**
Sanjay Jain, Chander Shakher
International Journal of Mathematical Modelling & Computations, Volume , Year 2014, Pages
42. **Solving a Fuzzy Transportation Problem Using Ranking Approach**
Anchal Choudhary, RN Jat, SC Sharma, Sanjay Jain
International Journal of Research in Mathematics & Computation, Volume , Year 2014, Pages
43. **Mathematical and C Programming Approach for Sudoku Game**
Sanjay Jain, Chander Shakher
Journal of Game Theory, Volume , Year 2014, Pages
44. **Modeling of Gauss Elimination Technique for Multiobjective Fractional Programming Problem**
Sanjay Jain
South Asian Journal of Mathematics, Volume , Year 2014, Pages
45. **A comment on Chadha (1999): A linear fractional program with homogeneous constraints**
Jain, Sanjay;Lachhwani, Kailash
OPSEARCH, Volume 50, Year 2013, Pages 141-148
46. **Agriculyure Mathematics**
D C Gokhroo, Sanjay Jain
Agriculyure Mathematics, Volume , Year 2013, Pages
47. **On Inverse Quadratic Programming Problems**
Sanjay Jain, Nitin Arya
Advances in Modelling and Analysis , Volume , Year 2013, Pages
48. **A type of Inverse Linear Fractional Programming Problem**

Sanjay Jain, Nitin Arya
Maxican Journal of Operations Research, Volume , Year 2013, Pages

49. **An Inverse Transportation Problem with the Linear Fractional Objective Function**

Sanjay Jain, Nitin Arya
Advanced Modeling and Optimization, Volume , Year 2013, Pages

50. **Modeling of Fourier Elimination Technique for Multiobjective Fractional Programming Problem**

Sanjay Jain
International Journal of Development Res. & Quantitative Techniques , Volume , Year 2013, Pages

51. **On Inverse Linear Fractional Programming Problem**

Sanjay Jain, Nitin Arya
European Journal of Mathematical Sciences, Volume , Year 2013, Pages

52. **Inverse Optimization for Quadratic Programming Problems**

Sanjay Jain, Nitin Arya
International Journal of Operations Research Nepal, Volume , Year 2013, Pages

53. **Inverse Optimization for Fractional Programming Problems**

Sanjay Jain, Nitin Arya
International Journal of Physical & Mathematical Sciences, Volume , Year 2013, Pages

54. **Mathematical Approach for Car Race Game Problem**

Sanjay Jain, Chander Shakher
Journal of Computer and Mathematical Sciences, Volume , Year 2013, Pages

55. **Inverse Capacitated Transportation Problem**

Sanjay Jain, Nitin Arya
IOSR Journal of Mathematics, Volume , Year 2013, Pages

56. **On an Inverse Transportation Problem**

Sanjay Jain, Nitin Arya
AryaBhatta Journal of Mathematics and Informatics, Volume , Year 2013, Pages

57. **C-Approach of ABS Algorithm for Fractional Programming Problem**

Sanjay Jain, Adarsh Mangal, Saroj Sharma
Journal of Computer and Mathematical Sciences, Volume , Year 2013, Pages

58. **An Inverse Optimization Model for LFP**

Sanjay Jain, Nitin Arya
Research J Recent Sci., Volume , Year 2013, Pages

59. **An inverse optimization model for fractional programming problem**

Sanjay Jain, Nitin Arya
ICOMA, Volume , Year 2012, Pages

60. **Modified Gauss elimination technique for separable non-linear programming problem**
Sanjay Jain
International Journal of Industrial Mathematics , Volume , Year 2012, Pages
61. **Inverse linear fractional programming: A New Approach**
Sanjay Jain, Nitin Arya
Journal of Computer and Mathematical Sciences, Volume , Year 2012, Pages
62. **Modeling of Gauss elimination technique for multi-objective linear programming problem**
Sanjay Jain
Journal of Novel Applied Sciences, Volume , Year 2012, Pages
63. **Fuzzy programming approach to solve multi objective linear fractional program with homogeneous constraints**
Jain, Sanjay;Lachhwani, Kailash
Proceedings of the National Academy of Sciences India Section A - Physical Sciences, Volume 81, Year 2011, Pages 29-38
64. **Fuzzy Set Approach to Solve Multiobjective Linear plus Fractional Programming Problem**
Sanjay Jain, Kailash Lachhawani
International Journal of Operations Research, Volume , Year 2011, Pages
65. **Modeling of fuzzy multiobjective decision making for selecting the treatment of heart disease**
Sanjay Jain
Ganita Sandesh, Volume , Year 2011, Pages
66. **Solution of fuzzy linear fractional programming problem**
Sanjay Jain, Adarsh Mangal & P.R.Parihar
OPSEARCH, Volume 48, Year 2011, Pages 129-135
67. **Using ABS algorithm to schedule medical resident**
Sanjay Jain, Soniya Lalwani
International Congress of Mathematicians, Volume , Year 2010, Pages
68. **Statistical effect of toxicity of CaCl on glycogen content in Lebistes Reticulatus**
Sanjay Jain, Sabiha Khan
J of Ultra Scientist of Physical Sciences, Volume , Year 2010, Pages
69. **Business Mathematics**
Dr. A. Krishnan
Business Mathematics, Volume , Year 2010, Pages
70. **Close interval approximation of piecewise quadratic fuzzy numbers for**

fuzzy fractional program

Sanjay Jain

Iranian Journal of Operations Research , Volume , Year 2010, Pages

71. An EOQ Inventory model for items with ramp type demand, 3-parameter Weibull distribution deterioration and starting with shortage

Sanjay Jain, Mukesh Kumar

Yugoslav Journal of Operations Research, Volume , Year 2010, Pages

72. An algorithm for fractional trans-shipment problem

Sanjay Jain

International Journal of Mathematical Modeling Simulation and Applications, Volume , Year 2010, Pages

73. Linear plus fractional MOPP with homogenous constraints using fuzzy approach

Sanjay Jain, Kailash Lachhawani

Iranian Journal of Operations Research , Volume , Year 2010, Pages

74. An efficient Fractional Programming approach to linear system model reduction problem

Sanjay Jain

Journal of Computer and Mathematical Sciences, Volume , Year 2010, Pages

75. A deteriorating inventor model for reducing excessive stock by returns and special sales allowing shortages

Sanjay Jain, Mukesh Kumar

IAPQR Transactions, Volume , Year 2010, Pages

76. Solution of MOLFP with homogenous constraints

Sanjay Jain, Kailash Lachhawani

APORS , Volume , Year 2009, Pages

77. Modified parametric approach for linear plus fractional programming problem

Sanjay Jain, Adarsh Mangal

Journal of Computer and Mathematical Sciences, Volume , Year 2009, Pages

78. Algorithm for Multi-Objective Linear plus Fractional Programming problem with homogenous constraints.

Sanjay Jain, Adarsh Mangal

AryaBhatta Journal of Mathematics and Informatics, Volume , Year 2009, Pages

79. Modeling of Fourier elimination technique for multi-objective linear programming problem

Sanjay Jain

Advances in Modelling and Analysis , Volume , Year 2009, Pages

80. An Optimal Replenishment Policy for Deteriorating items with Ramp type

Demand under Permissible Delay in Payments

Sanjay Jain, Mukesh Kumar, Priya Adwani
Pak J Stat Oper Res, Volume , Year 2009, Pages

81. Multi-objective programming problem with fuzzy relational equations

Sanjay Jain, Kailash Lachhawani
Iranian Journal of Operations Research , Volume , Year 2009, Pages

82. An EOQ model for deteriorating items with allowable shortage and permissible delay in payment under two stage interest payable criterions

Sanjay Jain, Mukesh Kumar
Australian Society of Operations Research Bulletin , Volume , Year 2009, Pages

83. Multi-objective quadratic program with fuzzy programming approach

Sanjay Jain, Kailash Lachhawani
Advances in Modelling and Analysis , Volume , Year 2009, Pages

84. An algorithm for Multi-objective linear plus fractional program

Sanjay Jain, Kailash Lachhawani
Australian Society of Operations Research Bulletin , Volume , Year 2009, Pages

85. A dual matrix approach for unbalance transportation problem

Sanjay Jain
International Transaction of Mathematical Sciences & Computer, Volume , Year 2009, Pages

86. Solution of multi-objective fractional program using fuzzy approach

Sanjay Jain, Kailash Lachhawani
Proc Nat Acad Sci India Sect A, Volume , Year 2009, Pages

87. A comment on Sahu (2007): An inventory model with onhand inventory dependent demand without shortage

Sanjay Jain, Mukesh Kumar
J of Indian Academy of Mathematics , Volume , Year 2009, Pages

88. Extended Modified Fourier elimination technique for integer solution of FPP

Sanjay Jain, Adarsh Mangal
Varahmihir Journal of Mathematical Sciences, Volume , Year 2008, Pages

89. Alternative approach to solve linear plus linear fractional programming problems

Sanjay Jain, Adarsh Mangal
International Journal of Mathematical Sciences & Engg. Application, Volume , Year 2008, Pages

90. An inventory model with power demand pattern, Weibull distribution deterioration and shortages

Sanjay Jain, Mukesh Kumar
J of Indian Academy of Mathematics , Volume , Year 2008, Pages

91. **Solution of a multi-objective linear plus linear fractional programming problem containing non-differentiable term**
Sanjay Jain, Adarsh Mangal, P R Parihar
International Journal of Mathematical Sciences & Engineering Application, Volume , Year 2008, Pages
92. **Extended Gauss elimination technique for integer solution of FPP**
Sanjay Jain, Adarsh Mangal
Journal of Indian Mathematical Society, Volume , Year 2008, Pages
93. **Gauss elimination technique for fractional programming problem**
Sanjay Jain, Adarsh Mangal
Journal of Indian Society of Statistics and Operations Research, Volume , Year 2008, Pages
94. **An inventory model with inventory level-dependent demand rate, deterioration, partial backlogging and decrease in demand**
Sanjay Jain, Mukesh Kumar, Priya Adwani
Iranian Journal of Operations Research , Volume , Year 2008, Pages
95. **An inventory model for Weibull distribution deterioration with allowable shortage under cash discount and permissible delay in payments**
Sanjay Jain, Mukesh Kumar, Priya Adwani
Australian Society of Operations Research Bulletin , Volume , Year 2008, Pages
96. **Sum of linear and fractional multi-objective programming problem under fuzzy rules constraints**
Sanjay Jain, Kailash Lachhawani
Australian Journal of Basic and Applied Sciences, Volume , Year 2008, Pages
97. **An EOQ inventory model for items with ramp type demand, finite rate of production and variable rate of deterioration**
Sanjay Jain, Mukesh Kumar
Journal of Rajasthan Academy of Physical Sciences, Volume , Year 2008, Pages
98. **Solution of fuzzy bilevel linear programming problem**
Sanjay Jain, Kailash Lachhawani
Ganita Sandesh, Volume , Year 2008, Pages
99. **Modified simplex method for fuzzy fractional program**
Sanjay Jain
ORSI Conference, Triupati , Volume , Year 2008, Pages
100. **An inventory model with inventory-level-dependent demand rate, shortage and decrease in demand**
Sanjay Jain, Mukesh Kumar
Journal of Combinatorics Information & System Sciences, Volume , Year 2007, Pages
101. **An EOQ inventory model with ramp demand, Weibull distribution deterioration and starting with shortage**

Sanjay Jain, Mukesh Kumar
Opsearch, Volume , Year 2007, Pages

102. **An efficient approach for linear system reduction model**

Sanjay Jain
Centenary conference of IMS, Pune, Volume , Year 2007, Pages

103. **On the Posynomial Linear plus Fractional Programming Problem**

Sanjay Jain, Adarsh Mangal, P R Parihar
The Mathematics Student, Volume , Year 2006, Pages

104. **Solution of a Multiobjective Fractional Programming Problem**

Sanjay Jain, Adarsh Mangal
J of Indian Academy of Mathematics , Volume , Year 2006, Pages

105. **EOQ for varying Marketing Policies, under a replacement policy for Damaged Items**

Sanjay Jain, Mukesh Kumar
The Mathematics Student, Volume , Year 2006, Pages

106. **A finite horizon economic ordering policy for item with deterioration and shortage**

Sanjay Jain, Mukesh Kumar
J of Ultra Scientist of Physical Sciences, Volume , Year 2006, Pages

107. **Solution of posynomial linear plus fractional programming problem**

Sanjay Jain, Adarsh Mangal
ORSI Conference, HIT Kolkatta, Volume , Year 2006, Pages

108. **Linear plus linear fractional programming with non-differentiable function**

Sanjay Jain, Adarsh Mangal, P R Parihar
Journal of Combinatorics Information & System Sciences, Volume , Year 2005, Pages

109. **Elimination technique for fractional programming problem**

Sanjay Jain, Adarsh Mangal
ICORAID, IISc Bangalore, Volume , Year 2005, Pages

110. **Programming with fractional type objective functions**

Sanjay Jain, Adarsh Mangal
Applied Science Periodical, Volume , Year 2004, Pages

111. **Solution of a Generalized Fractional Programming Problem**

Sanjay Jain, Adarsh Mangal
J of Indian Academy of Mathematics , Volume , Year 2004, Pages

112. **Fourier elimination technique for FPP**

Sanjay Jain, Adarsh Mangal
The Aligarh Bulletin of Mathematics, Volume , Year 2004, Pages

113. **Useful model in Fractional Programming**
Sanjay Jain, Adarsh Mangal
Applied Science Periodical, Volume , Year 2003, Pages
114. **Algorithm for Fractional Programming Problem with homogeneous constraints**
Sanjay Jain, Adarsh Mangal
Ganita Sandesh, Volume , Year 2003, Pages
115. **A long queue model with renegeing, balking and feedback Phenomenon**
Sanjay Jain, Anil Gokhroo
Ganita Sandesh, Volume , Year 2002, Pages
116. **International Normalized Ratio**
Gokhroo, Jain, Mittal
Indian J of Cardiology, Volume , Year 2001, Pages
117. **A general model of long queue with renegeing and balking phenomenon**
Sanjay Jain
Ganita Sandesh, Volume , Year 2000, Pages
118. **Most general model for queueing network**
Sanjay Jain
J of Indian Academy of Mathematics , Volume , Year 2000, Pages
119. **A total delay cost policy for priority tandem queue**
Sanjay Jain, K C Sharma
Ganita Sandesh, Volume , Year 1999, Pages
120. **A useful design for bulk queues**
Sanjay Jain, K C Sharma
Applied Science Periodical , Volume , Year 1999, Pages
121. **A useful model for hospital administration**
Sanjay Jain
Applied Science Periodical , Volume , Year 1999, Pages