

JOURNAL PUBLICATIONS

1. On Lexicographic Optimal Solution in Transportation Problem, *Optimization*, 1997, Vol. 39, 383-403.
2. A Variant of Time Minimizing Assignment Problem, *European Journal of Operations Research*, 1998, Vol. 110, No-2, 314-325.
3. Minimization of Makespan in Generalized Assignment Problem, *OPSEARCH*, 1999, Vol. 36, No. 4, 360-373.
4. A Lexi-Search Approach for a Time Minimizing Assignment Problem, *OPSEARCH*, 1998, Vol. 35, No. 3, 193-213.
5. Optimal Grouping of Jobs in a Time Minimizing Assignment Problem, *Mathematics and its Applications in Engineering and Industry*, Narosa Publication: Proceedings of the conference - Mathematics and its Applications in Engineering and Industry, held at the University of Roorkee, December 16-18, 1996.
6. On a Standard Time Minimizing Transportation Problem, *ASOR Bulletin*, 20(4), 2-14.
7. Phased Time Minimizing Transportation Problem' in the National Symposium on Recent Advances in Optimization Theory and Applications, October 27-28, 2006 at University of Delhi.
8. S. Sanchita and A. Shalini, Limitation and modification: on a cost pipeline trade-off in a transportation problem, *Yugoslav Journal of Operations Research*, 27 (4) (2017), 439-450.
9. Bindu Kaushal and Shalini Arora, Extension of Fixed Charge Bulk Transportation Problem: AMO - Advanced Modelling and Optimization, 19(2), 2017.
10. S. Sanchita, M. Rita and A. Shalini, Trade -Offs in Bi-objective Transportation Problem corresponding to all Pivotal Times, *The Electronic International Journal Advanced Modeling and Optimization*, 20 (1) (2018), 33-53.
11. Bindu Kaushal and **Shalini Arora**, A Priority Based Time Minimization Transportation Problem, Accepted for publication in *Yugoslav Journal of Operations Research* Jan 2018.

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1. Optimal Categorization of Jobs in a Time Minimizing Assignment Problem, Presented in the XXIX Annual Convention of Operational Research Society of India at Bombay, December 22-24, 1996.
2. Optimal Grouping of Jobs in a Time Minimizing Assignment Problem, Presented in conference Mathematics and its Applications in Engineering and Industry held at the University of Roorkee, December 16-18, 1996.
3. 3. A Lexi-Search Approach for a Time Minimizing Assignment Problem, Presented in the XXX Annual Convention of Operational Research Society of India and was awarded as Best Theoretical Paper at Jamshedpur, December 22-24, 1997.
4. Minimization of Makespan in Generalized Assignment Problem presented in the International Conference on Operations Research for a Better Tomorrow at Delhi, December 24-26, 1998.
5. Makespan Minimization in a Bulk Transportation Problem, Presented in the International Conference on Operations and Quantitative Management at Ahmadabad, January 3-6, 1999.

6. On a Standard Time Minimizing Transportation Problem, Presented in the, XXXI Annual Convention of Operational Research Society of India at Agra, December 18- 20, 1998.
7. Phased Time Minimizing Transportation Problem, Presented at the Symposium : Recent Advances in Optimization Theory and Applications, October 27-28, 2006 organized by Mathematical Programming Group, Delhi and Department of Mathematics Hans Raj College(University of Delhi).
8. Bindu Kaushal and **Shalini Arora**, Fixed Charge Bulk Transportation Problem,1st International Conference on Frontiers in Optimization: Theory and Applications(FOTA 2016), SPRINGER conference proceedings, Heritage Institute of Technology Kolkata, India, 24-26 November 2016.
9. Bindu Kaushal and **Shalini Arora**, Extension of Fixed Charge Bulk Transportation Problem, 49th Annual Convention of the Operational Research Society of India: International Conference on Analytics in Operational Research, Birla Institute of Management Technology, Greater Noida, India, 12-14 December 2016.
10. Sanchita Sharma, Shalini Arora, LIMITATION AND MODIFICATION:ON A COST PIPELINE TRADE-OFF IN A TRANSPORTATION PROBLEM ,49th Annual Convention of the Operational Research Society of India: International Conference on Analytics in Operational Research, Birla Institute of Management Technology, Greater Noida, India, 12-14 December 2016.