Curriculum Vitae

Ali Ashrafi

Mail address:

Department of Mathematics,
Faculty of Mathematics, Statistics and Computer Sciences
Semnan University
Semnan, Iran
P.O. Box: 35195-363

Phone: 0273-3366298
Fax: 0231-3354251

Email address:

a_ashrafi@profs.semnan.ac.ir

Personal information:

Born: 1976, Shahrood, Iran
Citizenship: Iranian
Marital status: Married

Education:

- Ph.D.: Applied Mathematics, Operations Research, University of Putra (UPM), Malaysia, 2012

- M.Sc. : Applied Mathematics, Tehran University, Iran, 2000
- B. Sc: Applied Mathematics, Semnan University, Iran, 1998

Honors:

- Scored first rank among the B.Sc. alumni of Faculty of Mathematical Sciences, Semnan University, 1998.
- Earned 8th country wide rank in the entrance examination among applicants seekingadmission to graduate studies in Applied Mathematics in Iran, 1998.
- Achieved first rank among the M.Sc. alumni of Faculty of Mathematical Sciences, Tehran University, 2000.
- Achieved average score of 'A' in Ph.D. courses, University Putra Malaysia, 2012

Research interests:

Operations Research, Data Envelopment Analysis

Teaching experiences:

- Graduate: Linear Programming, Advance Operations Research, Data Envelopment Analysis.

- Under Graduate: Linear Programming, Numerical Analysis, Graf Theory, Differential Equations, Calculus 1, 2, 3.

Professional experiences:

- Member of Iranian Operations Research Society.

Publications:

a. Journal Papers:

1- Ashrafi, A., Jaafar, A.B., Lee, L.S. and Abu Bakar M.R. (2011). The efficiency measurement of parallel production systems: a non-radial DEA model. Journal of Computer Science 7 (5): 749-756.

2- Ashrafi, A. and Jaafar, A.B. (2011). Efficiency measurement of series and parallel production systems with interval data by data envelopment analysis. Australian Journal of Basic and Applied Sciences 5(11): 1435-1443.

3- Ashrafi, A. and Jaafar, A.B. (2011). Performance measurement of two-stage production systems with undesirable factors by data envelopment analysis. Journal of Applied sciences 11 (20): 3515-3519.

4- Ashrafi, A., Jaafar, A.B. and Lee, L.S. (2012) An enhanced Russell measure of efficiency in the presence of non-discretionary factors in data envelopment analysis. Proceedings of the Romanian Academy Series A: Mathematics, Physics, Technical sciences and Information Science 13 (2): 91-96.

5- Ashrafi, A., Jaafar, A.B., Abu Bakar M.R. and Lee, L.S. (2012). A slacks-based measure of efficiency for parallel and series production systems. Accepted in Asia-Pacific Journal of Operational Research.

6- Ashrafi, A, Seow, H.V., Lee, L.S. and Lee, C.G. (2013). The efficiency of the hotel industry in Singapore. Journal of Tourism Management. 37, 31-34.

7- Shahverdi, Z, Ashrafi,A, Abd Jalil, A. (2013). Efficiency Measurement Of Malaysia's Palm Oil Refineries Applying Two-Stage Production System With Shared Inputs By DEA. Journal of business and management, 7, 31-34.

8- Ashrafi, A, Mansouri kalebar, M, (2016). A SLACKS-BASED MEASURE OF EFFICIENCY FOR PARALLEL AND SERIES PRODUCTION SYSTEMs, Jordan Journal of Mathematics and Statistics 9(4), 239-257.

9- Ashrafi, A, Mansouri kalebar, M, (2017). Cost, Revenue and Profit Efficiency Models in Generalized Fuzzy Data Envelopment Analysis, Fuzzy Information and Engineering, 9, 1-10.

10- Ashrafi, A, Khoshgam, Z , (2018). A new Modified scaled Conjugate Gradient Method for Large-Scale Uncostrained Optimization with Nonconvex Objective Function,OptimizationMethodsandsoftware. doi.org/10.1080/10556788.2018.1457152

11- Ashrafi, A, Khoshgam, Z , (2018). Generalized Fuzzy Inverse Data envelopment Analysis Models. Accepted for publication in International Journal of Industrial Mathematics.

12- Ashrafi, A, Khoshgam, Z , (2018). Generalized Fuzzy Slacks-Based Measures of Efficiency and its Applications. Accepted for publication in Jordan Journal of Mathematics and Statistics.

b. Conference Proceeding:

1- Ashrafi, A., Jaafar, A.B. and Lee, L.S. Two-stage data envelopment analysis: an enhanced Russell measure model. Proceedings of the International Conference on Information and Finance, Kuala Lumpur, Malaysia, Nov. 26-28, 2010. Published in IEEE Xplore.

2- Ashrafi, A., Jaafar, A.B., Lee, L.S. and Abu Bakar, M.R. Measuring the performance of two-stage production systems with shared inputs by data envelopment analysis. Proceedings of the 2nd International Conference on Business and Economic Research, Langkawi, Malaysia, Mar. 14-16, 2011.

3- Ashrafi, A., Jaafar, A.B. and Lee, L.S. Efficiency Analysis of Caspian Cattle Feedlot Farms by Data Envelopment Analysis. Proceedings of the International Conference on Mathematical and Computational Biology, Malacca, Malaysia, Apr. 12-14, 2011. Accepted to publish in International Journal of Modern Physics: Conference Series.

4- Ashrafi, A., Lee, L.S. and Jaafar, A.B. A Non-radial super-efficiency model for ranking decision making units in DEA. Proceedings of the Fourth International Conference on Modeling, Simulation and Applied Optimization, Kuala Lumpur, Malaysia, Apr. 19-21, 2011. Published in IEEE Xplore.

5- Ashrafi, A. and Jaafar, A.B. Measuring super-efficiency in DEA in the presence of non-discretionary factors. Proceedings of the First Iranian Students Scientific Conference in Malaysia, Kuala Lumpur, Malaysia, Apr. 9-10, 2011.

6- Ashrafi A., Jaafar A.B. and Lee, L.S. Measurement of Dynamic Efficiency: A Relational DEA Model. Proceedings of the 4th International Conference of Iranian Operations Research Society, Rasht, Iran, May. 18-19, 2011.

7- Ashrafi A., and Shahverdi Z., Scale, allocative and profit efficiency analysis of two-stage processes by data envelopment analysis: an application on Malaysian Palm Oil refineries. Proceedings of the 5th International Conference of Iranian Operations Research Society, Tabriz, Iran, May. 17-18, 2012.

8- Ali Ashrafi, Mozhgan Mansouri Kaleibar, Dynamic DEA with network structure: A slacks-based measure approach for fuzzy data. Proceedings of the 5th International Conference of Iranian Operations Research Society, Tabriz, Iran, May. 17-18, 2012.

9- Ali Ashrafi, Mozhgan Mansouri Kaleibar, The Maximal Benefit-Cost Ratio for Fuzzy Data. . Proceedings of the 14th Iranian Conference on Fuzzy Systems, Tabriz, Iran, Augest. 2014.

10- Mozhgan Mansouri Kaleibar, Ali Ashrafi, Sahand Daneshvar, Modified Centralized Resource allocation model with variable retun to scale for fuzzy data. Proceedings of the 12th international conference on Data Envelopment Analysis, Kuala lumpur, Malaysia, April, 2014.

11- Ali Ashrafi, Efficiency measurement of two stage processes with shared inputs and outputs by DEA: An application on Malaysian Palm Oil refineries, Proceedings of the 5th International conference on Advances in Applied Science and Environmental Engineering. , Kuala lumpur, Malaysia, April, 2016.
12- Ali Ashrafi, Mozhgan Mansouri Kaleibar , Modification Of Centralized Resource Allocation Model With Variable Return To Scale Using Assurance Region Method, . Proceedings of the 7th International Conference of Iranian Operations Research Society, semnan, Iran, 2014