

PUBLICATIONS

Paper	ISI Index Impact Factor
1. Mahmoud M. El-Sherbiny , Comments on "Solving a capacitated fixed-charge transportation problem by artificial immune and genetic algorithms with a Prüfer number representation" by Molla-Alizadeh-Zavardehi, S. et al. Expert Systems with Applications (2011) , Expert Systems with Applications (2012). Accepted for publishing.	2.19 5Ys 1.93 C.Y
2. Ahmed Hammad, Mahmoud M. El-Sherbiny , Bokkasam Sasidhar, Cost Allocation of Major Operational Materials for Alloy Steel – Particle Swarm Application , African Journal of Business Management, March 21, (2012) 3851-3855.	1.105 C.Y
3. Mahmoud M. El-Sherbiny , Step Capacitated Two-Stage Supply Chain Network: Application of Artificial Immune Algorithm , Under publication in Expert Systems with Applications (2012).	2.19 5Ys 1.93 C.Y
4. Mahmoud M. El-Sherbiny , Rashid M. Alhamali, A Hybrid Particle Swarm Method with Artificial Immune Learning for Solving Fixed Charge Transportation Problem , Under publication in Computer and Industrial Engineering Journal. (2 nd Review)	1.543 5Ys 1.823 C.Y
5. Mahmoud M. El-Sherbiny , Alternate Mutation Based Artificial Immune Algorithm for Step Fixed Charge Transportation Problem , Under publication in Egyptian Informatics Journal	
6. Amgad. M. Mohammed, N. A. Elhefnawy, Mahmoud M. El-Sherbiny , Quantum Crossover Based Quantum Genetic Algorithm for solving Non-linear programming . The 8 th International Conference on Informatics and Systems 15-16 May 2012. Accepted	
7. K.M. Altassan, Mahmoud M. El-Sherbiny , Bokkasam Sasidhar, Handling Step fixed charge transportation problem . International Conference In Decision Making, (ICDeM2012), March 13-16, 2012, Kedah, Malaysia.	Submitted to AMIS
8. K.M. Altassan, M. M. El-Sherbiny and A. D. Abid, Solving Fixed Charge Transportation Problems using Artificial Immune Algorithm , International Conference In Decision Making, (ICDeM2012), March 13-16, 2012, Kedah, Malaysia.	
9. Mahmoud M. El-Sherbiny , Yasser M. Ibrahim , An Artificial Immune Algorithm with Alternative Mutation Methods: Applied to the Student Project Assignment Problem , 2012 International Conference on Innovation and Information Management (ICIIM2012), January 7-8, 2012, Chengdu, China.	Covered ISI index

10. K.M. Altassan, **M. M. El-Sherbiny** and A. D. Abid, [A Novel Artificial Immune Algorithm for Solving Fixed Charge Transportation Problems](#), 2012 International Conference on Innovation and Information Management (ICIIM2012), January 7-8, 2012, Chengdu, China. **Covered**
ISI index
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11. **Mahmoud M. El_Sherbiny**, "[Particle Swarm Optimization Algorithm Without Velocity Equation](#)", Egyptian Informatics Journal (2011) 1-7.
12. **Mahmoud M. El-Sherbiny**, "[A Modified Algorithm for Particle Swarm Optimization with Constriction Coefficient](#)", **International Journal of Computers and Information**, 2, (2009) 17-29.
13. Nancy A. Elhefnawy, **M. M. El_Sherbiny**, W. F. Abd El-Whahed, F. A. Torkey, "[Fuzzy Adaptive Particle Swarm for Single and Multi-Objective Optimization Problems](#)," IJICIS, Vol.7, No. 2, (2007), 79-96.
14. **Mahmoud M. El-Sherbiny**, "[A Combined Particle Swarm Optimization Algorithm Based On The Previous Global Best and the Global Best Positions](#)", **International Journal of Computers and Information**, 1, (2007) 13-26.
15. Ahmed M. Kafafy, **M. M. El-Sherbiny**, Waiel F. Abd EL-Wahed, Nabil A. Ismaeel, "[Using Analytical Hierarchy Process \(AHP\) to Elect the Most Suitable Efficient Solution for Multiobjective Optimization Based on Decision Maker Preference](#)" **Fifth International Conference on Informatics and Systems**, March, (2007), 188-202.
16. Ahmed M. Kafafy, **M. M. El-Sherbiny**, Waiel F. Abd EL-Wahed, Nabil A. Ismaeel, "[A Hybrid Particle Swarm-Genetic Algorithm \(PSO-GA\) Approach with Pareto Archiving for Multiobjective Optimization Problems](#)" **Fifth International Conference on Informatics and Systems**, March, (2007) 208-217.
17. Hegazy Zaher, Waiel F. Abd EL-Wahed, **M. M. El-Sherbiny**, Haidy M.E. Matloub, "[An Intelligent Decision Support System for Faculty Evaluation](#)", **International Journal of Computers and Information**, 1, (2007) 11-21.
18. Hegazy Zaher, **M. M. El-Sherbiny**, "[A Hybrid Approach Based On Genetic Algorithm And Simulation Model For Defining The Best Policy For Producing Pesticides](#)" **Egyptian Informatics Journal**, 7(2), (2006) 187-200.
19. Nancy A. El-Hefnawy, **M. M. El-Sherbiny**, Waiel F. Abd El-Wahed Fawzy A.Torkey, "[An Intelligent Interactive Approach Based Entropy Weights to Solve Multi-Objective Problems with Fuzzy Preferences](#)", **Egyptian Informatics Journal**, 6(12), (2005) 92-109.
20. Ahmed M. Kafafy, **M. M. El-Sherbiny**, Waiel F. Abd El-Wahed, Nabil A. Ismaeel, "[A Hybrid Evolutionary Approach to Solve Multi-objective Optimization Problems based on Particle Swarm Optimizer and Genetic Algorithm](#)" **8th International Conference on Parametric Optimization and Related Topics, PARAOPT VIII**, Cairo, Egypt, 2005.
21. **Mahmoud M. El-Sherbiny**, "[A Modified Algorithm for Particle Swarm Optimization Based on the First and the Second Global Best](#)", **8th International Conference on Parametric Optimization and Related Topics, PARAOPT VIII**, Cairo, Egypt, 2005.
22. **Mahmoud M. El-Sherbiny**, "[A Methodology for Portfolio Selection Based On Linguistic Preferences](#)" **Annual Conference on Statistics, Computer Sciences**

- and Operations Research, Dec. (2004).
23. M. H. Rasmy, Sang M. Lee, W. F. Abd El-Wahed, A. Ragab, **M. M. El-Sherbiny**, "[A Fuzzy Expert System for Solving Possibilistic Multiobjective Programming Problems](#)" The Journal of Fuzzy Mathematics, 12(4), (2004), pp. 1533-1544.
 24. M. H. Rasmy, Sang M. Lee, W. F. Abd El-Wahed, A. Ragab, **M. M. El-Sherbiny**, "[An Expert System for Multiobjective Decision Making: Application of Fuzzy Linguistic Preferences and Goal Programming](#)" Fuzzy Sets and Systems, 127(2) April (2002), pp. 209-220. **The paper has the 8th position within the top 20 downloaded in its publication year.** 2.25 5Ys
1.875 C.Y
 25. M. H. Rasmy, W. F. Abd El-Wahed, A. Ragab, **M. M. El-Sherbiny**, "[An Interactive Fuzzy Approach Based Linguistic Preferences to Solve Multiobjective Programming Problems](#)" 11th Intl. Conference on Computer Theory and Applications, Alexandria, Aug. 2001.
 26. M. H. Rasmy, W. F. Abd El-Wahed, A. Ragab, **M. M. El-Sherbiny**, "[An Intelligent Interactive Approach For Solving A Multi-Criteria Assignment Problem](#)" Sixth Intl. Conference on Computer Theory and Applications, Alexandria, September 1996.
 27. M. H. Rasmy, W. F. Abd El-Wahed, A. Ragab, **M. M. El-Sherbiny**, "[A Decision Support Expert System For Selecting An Appropriate Interactive Multi-Objective Programming Approach](#)," Eighth Conference on Statistics and Modeling, Cairo, March 1996.
 28. **Mahmoud M. El-Sherbiny**, "Statistics and Operations Research" Dar Alwfaa, Cairo, 2005.

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Publications:

- 1- A.M. Ragab, "Properties of nonlinear Objective Functions Over Non-Convex Regions," Optimization Days, 1984, Concordia University, Montreal, Canada.
- 2- A.M. Ragab, "Sufficient Conditions for the Existence of Zeros of a Differentiable Functions," the First ORMA Conference, Military Technical College, Cairo, 27-29 Nov., 1984.
- 3- A.M. Ragab, "A Random Search Algorithm," the First ORMA Conference, Military Technical College, Cairo, 27-29 Nov., 1984.
- 4- A.M. Ragab, "On the Solution of Certain Types of Matrix Equations," the Tenth Annual Operations Research Conference, Zagazig University, Egypt, April 9-10, 1985, Egypt.
- 5- A.M. Ragab, "An Algorithm for Solving Multiobjective Nonlinear Programming Problems," Proceedings of 12th International Symposium on Math. Prog., 5-9 August, 1985. USA.
- 6- Osman M.S.A., A.M. Ragab "A Unified Approach for Characterizing the Non- inferior Solutions of Multiobjective Nonlinear Programming Problems, "Proceedings of the 10th Symposium Oper Operations Research, Universtat Munchen, Aug, 26-28, 1985, W. Germany.
- 7- Osman M.S.A., A.M. Ragab, " A Unified Algorithm for Solving Multiobjective Nonlinear Programming Problems," the VIIth International Conference on Multiple Criteria Decision Making, Aug, 18-22, 1986, Koyoto, Japan.
- 8- Osman M.S.A., A.M. Ragab, A unified Approach for characterizing the noninferior Solutions of Multiobjective Nonlinear Programming Problems, in," the VIIth International Conference on Multiple Criteria Decision Making, Aug, 18-22, 1986, Koyoto, Japan.
- 9- Osman M.S.A., A.M. Ragab, "An Algorithm for Solving Multiobjective Nonlinear Fractional Problems," Proceedings of Eights European Conference on Operational Research, Lisbon, Portugal, Sept, 16- 19, 1986.
- 10- Osman M.S.A., A.M. Ragab," A Unified Hyprid Approach for Multiobjective Geometric Problems," Eights European Conference on Operations research, Lisbon, Portugal, Sept. 16-19, 1986.
- 11- M. H. Rasmy, W. F. Abd El-Wahed, A. Ragab, M. M. El-Sherbiny, "An Intelligent Interactive Approach For Solving A Multi-Criteria Assignment Problem" Sixth Intl. Conference on Computer Theory and Applications, Alexandria, September 1996. .

- 12- M. H. Rasmy, W. F. Abd El-Wahed, A. Ragab, M. M. El-Sherbiny, “A Decision Support Expert System For Selecting An Appropriate Interactive Multi-Objective Programming Approach,” Eighth Conference on Statistics and Modeling, Cairo, March 1996.
- 13- M. H. Rasmy, W. F. Abd El-Wahed, A. Ragab, M. M. El-Sherbiny, “An Interactive Fuzzy Approach Based Linguistic Preferences to Solve Multiobjective Programming Problems” 11th Intl. Conference on Computer Theory and Applications, Alexandria, Aug. 2001.
- 14- M. H. Rasmy, Sang M. Lee, W. F. Abd El-Wahed, A. Ragab, M. M. El-Sherbiny, “An Expert System for Multiobjective Decision Making: Application of Fuzzy Linguistic Preferences and Goal Programming” Fuzzy Sets and Systems, 127(2) April (2002), pp. 209-220. Has the 8th position within the best 20 downloaded in its publication year (ISI index)
- 15**–M. H. Rasmy, Sang M. Lee, W. F. Abd El-Wahed, A. Ragab, M. M. El-Sherbiny, “A Fuzzy Expert System for Solving Possibilistic Multiobjective Programming Problems” The Journal of Fuzzy Mathematics, 12(4), (2004), pp. 1533-1544

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No.	Title	Author(s)	Place	Date	Rank	ISSN /
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						ISBN
1	Improving Performance In A Service Company Using Project Management And Six Sigma	Naglaa Ragaa Saeid Hassan	Academy of Business Journal – Al-Azhar University, V. 8. P. 27-44	January 2011		
2	An Artificial Intelligence Approach for Minimizing Forecasting Error	Heba Sayed Hegazy Zaher Naglaa Ragaa	the 4 ^{6th} Annual-Conference ISSR, Cairo University-international conference, V. 46, Part OR, P.44-56	December 2011		
3	On Optimizing Generalization Ability Of Machine Learning	Mohamed Abdullah Hegazy Zaher Naglaa Ragaa	the 46 th Annual-Conference ISSR, Cairo University-international conference, V. 46, Part OR, P.185-197	December 2011		
4	Forecasting Global Stock Market Indicators	Nesreen Hegazy Zaher Naglaa Ragaa	the 37 th international Conference For Statistics, Computer Science And Its Applications - international conference, V. 37, P. 245-252	April 2012		
5	A Social learning Approach for Minimizing True Risk of Collective Machine Learning http://www.ijarcse.com/# http://www.ijarcse.com/1	Hegazy Zaher Naglaa Ragaa Mohamed Abdullah	International Journal of Advanced Research in Computer Science and Software Engineering, V. 3, I.	November 2013		<u>ISSN:</u> <u>2277-</u> <u>128x</u>

	1_November2013.php http://www.ijarcse.com/docs/papers/Volume_3/11_November2013/V3I11-0636.pdf		11.			
6	Using Rough Set Approach for Discovering Systemic Lupus Erythematosus in Pregnant Females and its Relation to Correlation Analysis	N. R. Hassan مشاركون من تخصص آخر القاهرة طب كلية نساء امراض تخصص الاحصاء ومعهد احصاء تخصص تطبيقي E. A. Hussein Y. M. Ibrahim	the 48 th Annual-Conference ISSR, Cairo University - international conference, V. 46, Part OR	December 2013		
7	A Survey of Techniques Used for Optimizing Generalization, Ability of Machine Learning based on True Risk Minimization http://www.ijarcse.com/# http://www.ijarcse.com/12_December2013.php http://www.ijarcse.com/docs/papers/Volume_3/12_December2013/V3I12-0190.pdf	Hegazy Zaher Naglaa Ragaa and Mohamed Abdullah	International Journal of Advanced Research in Computer Science and Software Engineering, V. 3, I. 12	December 2013	IF 2.080	<u>ISSN:</u> 2277-128X, 2277-6451 http://www.israijf.org/raj.html
8	Optimal Control Theory Approach to Solve Constrained Production and Inventory System	Hegazy Zaher Naglaa Ragaa Taher Taha Zaki	International Journal of Advanced Research in Computer Science	December 2013	IF 2.080	<u>ISSN:</u> 2277-128X, 2277-

	http://www.ijarcse.com/# http://www.ijarcse.com/12_December2013.php http://www.ijarcse.com/docs/papers/Volume_3/12_December2013/V3I12-0242.pdf		and Software Engineering, V. 3, I. 12			6451 http://www.israijif.org/raj.html
9	Optimizing Local Portfolio Return Under Risk in Terms of International Stock Markets Indices http://www.ijarcse.com/ http://www.ijarcse.com/1January2014.php http://www.ijarcse.com/docs/papers/Volume_4/1_January2014/V4I1-0125.pdf	Hegazy Zaher Naglaa Ragaa Nisren Hassanen Mohamed	International Journal of Advanced Research in Computer Science and Software Engineering, V. 4, I. 1	January 2014	IF 2.080	ISSN: 2277-128X, 2277-6451 http://www.israijif.org/raj.html
10	Forecasting the Egyptian's Market Trend Using Rough Set http://www.ijarcse.com/ http://www.ijarcse.com/1January2014.php http://www.ijarcse.com/docs/papers/Volume_4/1_January2014/V4I1-0327.pdf	Naglaa Ragaa Saeid Hassan	International Journal of Advanced Research in Computer Science and Software Engineering, V. 4, I. 1	January 2014	IF 2.080	ISSN: 2277-128X, 2277-6451 http://www.israijif.org/raj.html
11	Fuzzy Approach for Three Level Linear Programming Problems https://www.researchgate.net/publication/290780	Hegazy Zaher Naglaa Ragaa Ahmed Serag	International Journal of Computer Applications (0975 – 8887) Volume	January 2016		

	936 Fuzzy Approach for Three Level Linear Programming Problems		133 – No.16,			
12	An Optimization model for Triple Sourcing, Supply Chain under Disruption https://www.researchgate.net/publication/290812679 An Optimization model for Triple Sourcing Supply Chain under Disruption	Hegazy Zaher Naglaa Ragaa Marwa Mostafa Selim	International Journal of Computer Applications (0975 – 8887) Volume 134 – No.9,	January 2016		