

CURRICULUM VITAE

PERSONAL DETAILS

Name: Yasen Asad Mhanna Rajihy
Date of birth: 01-07-1965
Place of birth: Babylon / Iraq
Nationality: Iraqi
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LANGUAGE QUALIFICATIONS

- **Arabic:** Native
- **English:** (Reading, Writing) Very good
- **German:** B1 Level

ACADEMIC QUALIFICATIONS

2016 PhD. in Applied Mathematics, Faculty of Economics and Management,
University of Szczecin, Poland

1997 M.Sc. in Applied Mathematics, College of Science, The University of
Jordan, Jordan

1988 B.Sc. in Mathematics, College of Science, University of Mosul, Iraq

EXPERIENCE QUALIFICATIONS

2024- Assistant Dean, College of Science, University of Hilla, Iraq.
Assistant Professor, College of Science, University of Hilla, Iraq.

2018-2021 Assistant Professor, College of Information Technology, University of
Babylon, Iraq

2016-2018 Lecturer, College of Information Technology, University of Babylon,
Iraq

2016-2018 Reviewer and member of the Editorial Board of the journal
"Studies & Proceedings of Polish Association for Knowledge
Management", Poland

2016-2018 Member of Polish Association for Knowledge Management, Poland

- 2010-2016** PhD student, Faculty of Economics and Management, University of Szczecin, Poland
- 2004-2009** Lecturer, Department of Computer Science, College of Science, University of Babylon, Iraq
- 1997-2004** Assistant lecturer, Higher Institute of Technology, Garian, Libya
- 1994 -1997** Graduate student, College of Science, The University of Jordan, Jordan
- 1991-1994** Assistant scientific researcher, Dept. of Computer Science, College of Science, University of Babylon, Iraq.

PUBLICATIONS

1. AbdulRahman, A., Hadi, I., & Rajihy, Y. (2020). Generating 3D dataset of Gait and Full body movement of children with Autism spectrum disorders collected by Kinect v2 camera. *COMPUSOFT: An International Journal of Advanced Computer Technology*, 9(8), 3791-3797.
2. Rajihy, Y., & Hasson, S. T. (2020, July). A Mathematical Model to Allocate Services for Scarce Resources in an Optimal Manner. In *2020 1st. Information Technology to Enhance e-learning and Other Application (IT-ELA)* (pp. 31-34). IEEE.
3. Wasi, H. A., & Rajihy, Y. (2020). On various properties of (m, n) -semi compactness in bitopological spaces. *Journal of Interdisciplinary Mathematics*, 1-4.
4. Talib, S. H., Omran, A. A., & Rajihy, Y. (2020, November). Inverse Frame Domination in Graphs. In *IOP Conference Series: Materials Science and Engineering* (Vol. 928, No. 4, p. 042024). IOP Publishing.
5. Talib, S. H., Omran, A. A., & Rajihy, Y. (2020, November). Additional Properties of Frame Domination in Graphs. In *Journal of Physics: Conference Series* (Vol. 1664, No. 1, p. 012026). IOP Publishing.
6. Mohammed S. Mechee, Ghassan A. Al-Juaifri & Yasen Rajihy. (2019). A Study of Generalized Liénard Equation Using Modified Homotopy Perturbation Method. *Journal of Engineering and Applied Sciences*, 14 (1), pp. 3901 – 3913.
7. Yasen Rajihy. (2018). Some Properties of Total Frame Domination in Graphs. *Journal of Engineering and Applied Sciences*, 13 (Special Issue1), pp. 2403-2406.
8. Ahmed A. Omran, and Yasen Rajihy. (2017). Some Properties of Frame Domination in Graphs. *Journal of Engineering and Applied Sciences*, 12 (Special Issue10), pp. 8882-8885.
9. Yasen Rajihy, Kesra Nermend, & Akeel Alsakaa. (2017). Back-propagation artificial neural networks in stock market forecasting. An application to the Warsaw Stock Exchange WIG20. *The IEB International Journal of Finance*, Vol.15, pp. 88-99.

10. Mohammed S. Mechee and Yasen Rajihy. (2017). Generalized RK Integrators for Solving Ordinary Differential Equations: A Survey & Comparison Study. *Global Journal of Pure and Applied Mathematics*. Volume 13, Number 7 (2017), pp. 2923–2949.
11. Yasen Rajihy & Fadheela S. Abu-Almash. (2016). Combining Fastica with Back Propagation Algorithms for the Forecasting of Gulf Cooperation Council Stock Market. *Research Journal of Applied Science*, 11(10), pp.1039-1045.
12. Yasen Rajihy, Akeel Alsakaa, & Kesra Nermend. (2015). ANN Algorithms in Gulf Cooperation Council Stock Market Forecasting [w:] *Science for practice. Selected issues on the example of Middle East.*, pr. zb. pod red. Łatuszyńska M. i Nermenda K., Polish Information Processing Society, Warszawa 2015, ISBN 978-83-60810-74-3, pp. 172-193.
13. Yasen Rajihy, Kesra Nermend, & Akeel Alsakaa. (2015). Artificial Neural Network in Supporting Decision Process on the Capital Market. In *International Conference on Economic, Accounting, Management, Social Science, Engineering, Arts Management and Law*. Barcelona.
14. Kesra Nermend, & Yasen Rajihy. (2014). A Comparative Study of FastICA and Gradient Algorithms for Stock Market Analysis. *Metody Ilościowe w Badaniach Ekonomicznych*, (XV-1), 142-152.
15. Yasen Rajihy, Kesra Nermend, & Malgorzata Tarczynska. (2013). Integrating Mathematical Methods with Artificial Neural Network Technique to Improve Stock Market Forecasting [w:] *Data Analysis Selected Problems*, pr. zb. pod red. Łatuszyńska M. i Nermenda K., ZAPOL, Szczecin - Warszawa 2013, ISBN: 978-83-7518-602-4, pp. 125 – 132.
16. Kesra Nermend, & Yasen Rajihy. (2012). A Comparison Study of Independent Component Analysis Approaches [w:] *Selected Issues of Data Analysis*, pr. zb. pod red. Łatuszyńska M. i Nermenda K., ZAPOL, Szczecin - Warszawa 2012, ISBN: 978-83-7518-531-7, pp. 69– 79.
17. Sattar B. Sadkhan, & Yasen Rajihy. (2009). The complexity Evaluation of Elliptic Curve Discrete Logarithm Problem (ECDLP). In *proceeding of the 1st conference of Computer Techniques and their Applications*, Babylon, Iraq.
18. Yasen Rajihy. (2007). On (m, n) - Semi paracompactness in Tritopological spaces. *Journal of Babylon University Scientific Series*, Vol. 14(3), pp. 15-20.
19. Yasen Rajihy. (2007). (m, n) - Semi Compactness in Bitopological Spaces. *Journal College of Education/ University of Babylon*, Vol. 1(2), pp. 93-99.
20. Yasen Rajihy. (2007). Semi -Separation Axioms in Tritopological spaces. *Journal of Babylon University Scientific Series*, Vol. 14(2), pp. 54-57.