

# ***CURRICULUM VITAE***

## **PERSONAL DETAILS**

**Name:** Yasen Asad Mhanna Rajihy

**Date of birth:** 01-07-1965

**Place of birth:** Babylon / Iraq

**Nationality:** Iraqi

**Place of Residence:** Iraq, Germany

**Mobile:** +964 782 202 7982

**E-mail:** [rajihy.yasen@hilla-unc.edu.iq/](mailto:rajihy.yasen@hilla-unc.edu.iq/)

## **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

<b>2010-2016</b>	PhD student, Faculty of Economics and Management, University of Szczecin, Poland
<b>2004-2009</b>	Lecturer, Department of Computer Science, College of Science, University of Babylon, Iraq
<b>1997-2004</b>	Assistant lecturer, Higher Institute of Technology, Garian, Libya
<b>1994 -1997</b>	Graduate student, College of Science, The University of Jordan, Jordan
<b>1991-1994</b>	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, & Małgorzata 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 1<sup>st</sup> 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.