

CURRICULUM VITAE

Professor IQBAL H. JEBRIL

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- **Editor-in-Chief:** International Journal of Advances in Soft Computing and Its Applications (IJASCA) <http://ijasca.zuj.edu.jo> (SCOUPS)
- **Chair Track (Mathematical Modeling and Analysis):** The 10th International Conference on Information Technology (ICIT 2023) (ICIT 2023) August 9-10, 2023 | Amman, Jordan. (IEEE & SCOUPS).
- **Chair Track (Mathematical Modeling and Analysis):** The 10th International Conference on Information Technology (ICIT 2021) (ICIT 2021) July 14-15, 2021 | Amman, Jordan. (IEEE & SCOUPS).
- **Guest editor:** International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems (World Scientific Publishing), special Issues on "Fuzzy optimization and algorithms in autonomous systems" Impact factor (1.518) in the year 2020.
- **Guest editor:** Journal of Intelligent Systems (De Gruyter), special Issues on "HYBRID FUZZY SYSTEMS FOR MOBILE ROBOTS AND THEIR APPLICATIONS" (Emerging Sources Citation Index) and (Scopus Index).
- **Guest editor:** Soft Computing (Springer) special Issues on "Evolution of predictive modelling and AI for modern Healthcare computing", Impact factor 3.643 (2020).
- **Guest editor:** Journal Automatika (Taylor & Francis) special Issues on "Cognitive Computing in Intelligent Autonomous Systems", Impact factor (1.156) in the year 2020.
- **Guest editor:** Computational Intelligence (Wiley) Hybrid Control of Autonomous Mobile Robots: Architectures, Algorithms and Applications **Impact factor:2.330.**
- **Chief Organizer:** International Center for Scientific Research and Studies (ICSRS) <http://www.i-csrs.org>



- **Editor-in-Chief:** International Journal of Open Problems in Computer Sciences and Mathematics <http://www.ijopcm.org> (EBSCO)
- **Editor-in-Chief:** International Journal of open Problems in Complex Analysis (IJOPCA) <http://www.i-csrs.org/ijopca/index.htm>
- **Guest editor:** Journal of Administrative Sciences and Fintech (JASF). <https://www.i-csrs.org/jasf/index.htm>
- **Conference Committee:** NASTEC'2010, August 25-27, 2010, Digipen Institute of Technology, Redmond, USA. <http://www.eurosis.org/cms/index.php?q=node/1324>

1. **Personal Data**

Date of Birth: October 6 / 1978.

Nationality: Jordanian

2. **Education**

- Ph.D. (Mathematical Analysis) 2005, Universiti Kebangsaan Malaysia, National University of Malaysia, Malaysia.
- M.c. (Mathematical Analysis) 2000, Al al-Bayt University, Jordan, Jordan.

3. **Ph.D. Dissertation**

Continuous and Bounded Linear Operators in Probabilistic Normed Space,
Universiti Kebangsaan Malaysia, National University of Malaysia, Malaysia

4. **Employment**

Academic Positions

- Professor, Al-Zaytoonah University of Jordan, Amman, Jordan
February 15, 2019 – now.
- Professor, Taibah University, Al Madinah Al Munawwarah, Saudi Arabia
February 5, 2018 – February 15, 2019.
- Associate Professor, Taibah University, Al Madinah Al Munawwarah, Saudi Arabia
April 9, 2013– February 5, 2018.
- Assistant Professor, Taibah University, Al Madinah Al Munawwarah, Saudi Arabia
September 5, 2011– April 9, 2013.
- Assistant Professor, King Faisal University, Saudi Arabia
September 6, 2008– September 5, 2011.
- Assistant Professor, Irbid National University, Jordan
September 5, 2007– September 5, 2008.
- Assistant Professor, Zarqa Private University, Jordan
September 17, 2006– September 5, 2007.
- Assistant Professor, Al Baha Al Ahliyya College of Science, Saudi Arabia
September 1, 2005– September 15, 2006.



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- Instructor, National University of Malaysia, Malaysia
September 1, 2003– September 10, 2005.
- Instructor, Jordanian Ministry of Education, Mafraq, Jordan
September 1, 1999– September 10, 2002.

Administrative Positions

- **Editor-in-Chief**, International Journal of Advances in Soft Computing and Its Applications (IJASCA) <http://ijasca.zuj.edu.jo> (SCOUPS)
- **Head of Mathematics Department**, Faculty of Sciences and IT, Al Zaytoonah University of Jordan, October 1, 2020 – 2022.
- **Head of Physics Department**, Faculty of Sciences and IT, Al Zaytoonah University of Jordan, October 1, 2021 – 2022.
- **Member of University Council**, Al-Zaytoonah University of Jordan, Amman, Jordan. September 15, 2019 – September 15, 2020.
- **Member of Faculty of Science and Information Technology Council**, Al-Zaytoonah University of Jordan, Amman, Jordan. September 15, 2019 – now.
- **Chief Organizer**: International Center for Scientific Research and Studies (ICSRS), Jordan. September 1, 2008 – now.
- **Chairman of Department Mathematics**, Al Baha Al Ahliyya College of Science, Saudi Arabia. September 1, 2005– September 15, 2006.

5. Research Interests

- Mathematical Analysis
- Curve Cryptography
- Probabilistic Normed Space
- Random n-Normed Space
- triangular norms and triangular co-norms
- Fuzzy implication and Fuzzy Co-implication
- Orlicz functions
- Fuzzy norm space and Fuzzy Anti-norm space
- Fuzzy metric Space and Fuzzy Anti-metric Space
- Intuitionistic fuzzy normed space.

6. Fellowships and Scholarships

Doctoral Scholarship, UKM University, 2002-2005.

7. Teaching Experience

- *Graduate Courses*

Course Title	Level	Language of Instruction
Measure theory	Master	English



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Functional Analysis	Master	English
Selected Topics of Mathematics	Master	English

- *Undergraduate Courses*

Course Title	Level	Language of Instruction
General Mathematics	Freshman	Arabic
Calculus I	Freshman	English
Foundation of Mathematics	Freshman	English
Logic and Set Theory	Sophomore	English
Discrete Mathematic	Sophomore	English
Principles of Mathematics	Freshman	Arabic
Calculus II	Sophomore	English
Calculus III	Sophomore	English
Differential Equations	Sophomore	English
Design analysis of Algorithms	Junior	English
Partial Differential Equations I	Junior	English
Probability & Statistics for Engineers	Junior	English
Integral Transforms	Junior	English
Complex Analysis	Junior	Arabic
Real Analysis I	Senior	English
Real Analysis II	Senior	English
Introduction to Data Transmission	Senior	English

8. Supervision of Graduate Research

- Samirh Rizeeq Al-Seadi, Bounded Linear Operators in Random 2-Normed Space, Mathematics Department, College of Science, Taibah University, Saudi Arabia, 2011-2014.
- Raeda M. Al-Khor, Continuous and Bounded Linear Operators in Random n-Normed Space, Mathematics Department, College of Science, Arabic German Academy For Science and Technology, German, 2013-2015.
- Amani Hussein Jablawi, Study of Fuzzy Co-Implication with Respect to t-Norms and t-Conorms, Mathematics Department, College of Science, Taibah University, Saudi Arabia, 2017-2018.
- Najat Mohammad Abed Abdelqader, Hyers-Ulam Stability of Quantum Logic Fuzzy Implication, Mathematics Department, College of Science and Information Technology, Al-Zaytoonah University, Jordan, 2021-2022.



- SAFA' ISSA RAGAB ALFUKAHA, Study of Fuzzy D'-Coimplication with Respect to t-Norms and t-Conorms, Mathematics Department, College of Science and Information Technology, Al-Zaytoonah University, Jordan, 2021-2022.
- Ghada Yahya Eid, The Atomic Solution to the Euler Equation in Fractional Derivative, Mathematics Department, College of Science and Information Technology, Al-Zaytoonah University, Jordan, 2021-2022.

9. Publications

Papers in refereed journals

2024 (Scopus, 2 Papers)

1. Batiha, I.M., Allouch, N., Jebiril, I.H., Momani, S., A robust scheme for reduction of higher fractional-order systems, *Journal of Engineering Mathematics*, 2024, 144(1), 4
2. HANDLING SYSTEMS OF FRACTIONAL STOCHASTIC DIFFERENTIAL EQUATIONS USING MODIFIED FRACTIONAL EULER METHOD, *Global and Stochastic Analysis*, 2024, 11(1), pp. 95–105

2023 (Scopus, 31 Papers)

1. Batiha, I.M., Alshorm, S., Jebiril, I., ...Momani, Z., Momani, S., Modified 5-point fractional formula with Richardson extrapolation, *AIMS Mathematics*, 2023, 8(4), pp. 9520–9534 (**Scopus, Q1**) (**Impact factor 2.2**).
2. Rakah, M., Anber, A., Dahmani, Z., Jebiril, I., An analytic and numerical study for two classes of differential equations of fractional order involving Caputo and Khalil derivatives, *Analele Stiintifice ale Universitatii Al I Cuza din Iasi - Matematica*, 2023, 69(1), pp. 29–48
3. Batiha, I.M., Abubaker, A.A., Jebiril, I.H., Al-Shaikh, S.B., Matarneh, K., A Numerical Approach of Handling Fractional Stochastic Differential Equations, *Axioms*, 2023, 12(4), 388 (**Scopus, Q1**) (**Impact factor 2**).
4. Shehadeh, H.A., Jebiril, I.H., Wang, X., Chu, S.-C., Idris, M.Y.I., Optimal topology planning of electromagnetic waves communication network for underwater sensors using multi-objective optimization algorithms (MOOAs), *Automatika*, 2023, 64(2), pp. 315–326 (**Scopus, Q1**) (**Impact factor 1.7**).
5. Batiha, I.M., Abubaker, A.A., Jebiril, I.H., Al-Shaikh, S.B., Matarneh, K., New Algorithms for Dealing with Fractional Initial Value Problems, *Axioms*, 2023, 12(5), 488 (**Scopus, Q1**) (**Impact factor 2**).
6. Jebiril, I., Almaslmani, R., Jarah, B.A.F., Mugableh, M.I., Zaqeeba, N., The impact of strategic intelligence and asset management on enhancing competitive advantage: The mediating role of cybersecurity Uncertain Supply Chain Management, 2023, 11(3), pp. 1041–1046 (**Scopus, Q1**)



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Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

7. Batiha, I.M., Bataihah, A., Al-Nana, A.A., ...Jebril, I.H., Zraiqat, A., A NUMERICAL SCHEME FOR DEALING WITH FRACTIONAL INITIAL VALUE PROBLEM, ICIC Express Letters, 2023, 19(3), pp. 763–774 (**Scopus, Q4**)
8. Er, M.J., Jebril, I.H., Guest Editorial - Fuzzy Optimization and Algorithms in Autonomous Systems, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2023, 31, pp. V–VII (**Scopus, Q2**) (**Impact factor 1**).
9. Alshanti, W.G., Batiha, I.M., Alshanty, A., ...Jebril, I.H., Hammad, M.A., Perturbed Trapezoid Like Inequalities, Science and Technology Indonesia, 2023, 8(2), pp. 205–211 (**Scopus, Q2**)
10. Salah, M., Abdalla, A., Abdallah, M., ..., Alokush, B., Jebril, I., Using Virtual Tours as a University Campus Guide: Al-Zaytoonah University Case Study, **Information Sciences Letters**, 2023, 12(9), pp. 2961–2970, 7, (**Scopus, Q2**)
11. Batiha, I.M., Aoua, L.B., Oussaeif, T.-E., ...Jebril, I.H., Momani, S., Common Fixed Point Theorem in Non-Archimedean Menger PM-Spaces Using CLR Property with Application to Functional Equations, IAENG International Journal of Applied Mathematics, 2023, 53(1), IJAM_53_1_42 (**Scopus, Q3**)
12. Ababneh, A.M., Almarashdah, M.A., Jebril, I., Al-Zaqeba, M.A.A., Assaf, N., Driving sustainable supply chains: Blockchain-enabled eco-efficiency for resilient customs ports, Uncertain Supply Chain Management, 2023, 11(4), pp. 1719–1734 (**Scopus, Q1**)
13. Jebril, I., Dhanaraj, P., Abdulsahib, G.M., ...Prabhu, T., Khalaf, O.I., Analysis of Electrically Couple SRR EBG Structure for Sub 6 GHz Wireless Applications, Advances in Decision Sciences, 2023, 26(5) (**Scopus, Q2**)
14. Hammad, M.A., Jebril, I.H., Alshorm, S., Batiha, I.M., Hammad, N.A., Numerical Solution for Fractional-Order Mathematical Model of Immune-Chemotherapeutic Treatment for Breast Cancer Using Modified Fractional Formula, International Journal of Analysis and Applications, 2023, 21, 89 (**Scopus, Q4**)
15. Batiha, I.M., Rezzoug, I., Oussaeif, T.-E., Ouannas, A., Jebril, I.H., POLLUTION DETECTION FOR THE SINGULAR LINEAR PARABOLIC EQUATION, Journal of Applied Mathematics and Informatics, 2023, 41(3), pp. 647–656 (**Scopus, Q4**)
16. Hammad, M.M.A., Jebril, I., Khalil, R., Large Fractional Linear Type Differential Equations, International Journal of Analysis and Applications, 2023, 21, 65 (**Scopus, Q4**)
17. Jebril, I., Eid, G., Hammad, M.'A., AbuJudeh, D., Atomic Solution of Euler Equation, Springer Proceedings in Mathematics and Statistics, 2023, 418, pp. 359–364 (**Scopus, Q4**)
18. Jebril, I.H., Abdelqader, N.M., Hyers-Ulam Stability of Quantum Logic Fuzzy Implication, WSEAS Transactions on Information Science and Applications, 2023, 20, pp. 131–135 (**Scopus, Q3**)
19. Batiha, I.M., Chebana, Z., Oussaeif, T.-E., ...Jebril, I.H., Shatnawi, M., Solvability of Nonlinear Wave Equation with Nonlinear Integral Neumann Conditions, International Journal of Analysis and Applications, 2023, 21, 34 (**Scopus, Q4**)
20. Shehadeh, H.A., Jebril, I.H., Jaradat, G.M., ...Chu, S.-C., Alia, M.A., Intelligent Diagnostic Prediction and Classification System for Parkinson's Disease by Incorporating Sperm Swarm Optimization (SSO) and DensityBased Feature



- Selection Methods, *International Journal of Advances in Soft Computing and its Applications*, 2023, 15(1), pp. 113–132 (**Scopus, Q3**)
21. Jaradat, Y., Masoud, M., Jannoud, I., ...Alheyasat, O., Jebril, I., Analysis of the optimal number of clusters and probability in homogeneous unreliable WSNs, *Multimedia Tools and Applications*, 2023, 82(25), pp. 39633–39652
 22. Salah, M., Abdalla, A., Abdallah, M., ...Alokush, B., Jebril, I., Using Virtual Tours as a University Campus Guide: Al-Zaytoonah University Case Study, *Information Sciences Letters*, 2023, 12(9), pp. 2961–2970, 7
 23. Batiha, I.M., Abubaker, A.A., Jebril, I.H., ...Matarneh, K., Almuzini, M., A Mathematical Study on a Fractional-Order SEIR Mpox Model: Analysis and Vaccination Influence, *Algorithms*, 2023, 16(9), 418
 24. Jebril, I., Almaslmani, R., Jarah, B.A.F., Mugableh, M.I., Zaqeeba, N., The impact of strategic intelligence and asset management on enhancing competitive advantage: The mediating role of cybersecurity, *Uncertain Supply Chain Management*, 2023, 11(3), pp. 1041–1046
 25. Batiha, I.M., Bataihah, A., Al-Nana, A.A., ...Jebril, I.H., Zraiqat, A., A NUMERICAL SCHEME FOR DEALING WITH FRACTIONAL INITIAL VALUE PROBLEM, *ICIC Express Letters*, 2023, 19(3), pp. 763–774
 26. Er, M.J., Jebril, I.H., Guest Editorial - Fuzzy Optimization and Algorithms in Autonomous Systems, *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, 2023, 31, pp. V–VII
 27. Batiha, I.M., Jebril, I.H., Zuriqat, M., Kanaan, H.S., Momani, S., An Efficient Approach for Solving One-Dimensional Fractional Heat Conduction Equation, *Frontiers in Heat and Mass Transfer*, 2023, 21, pp. 487–504
 28. Qirem, I.A.E., Alshehadeh, A.R., Al-Khawaja, H.A., ...Jebril, I., Alshehadeh, S.A., The Impact of Sustainability Accounting on Financial Reporting Quality: Evidence from the Pharmaceutical and Chemical Sectors on the ASE, *Journal of Logistics, Informatics and Service Science*, 2023, 10(4), pp. 62–71
 29. Alshehadeh, A.R., Al-Khawaja, H.A., Yamin, I., Jebril, I., The Impact of Financial Technology on Customer Behavior in the Jordanian Commercial Banks, *WSEAS Transactions on Business and Economics*, 2023, 20, pp. 2263–2275

2022

30. Iqbal M. Batiha , Zainouba Chebana , Taki-Eddine Oussaeif , Adel Ouannas , **Iqbal H. Jebril** , "On a Weak Solution of a Fractional-order Temporal Equation," *Mathematics and Statistics*, Vol. 10, No. 5, pp. 1116 - 1120, 2022. DOI: 10.13189/ms.2022.100522. (**Scopus, Q3**)
31. Jaradat, Y., Masoud, M., Jannoud, I., ...Alheyasat, O., **Iqbal H. Jebril**, Analysis of the optimal number of clusters and probability in homogeneous unreliable WSNs, **Multimedia Tools and Applications**, 2022. (**Scopus, Q1**) (**Impact factor 2.6**).
32. Dababneh, A., Djenina, N., Ouannas, A., ...Batiha, I.M., **Iqbal H. Jebril**, A New Incommensurate Fractional-Order Discrete COVID-19 Model with Vaccinated Individuals Compartment, **Fractal and Fractional**, 2022, 6(8), 456. (**Scopus, Q1**) (**Impact factor 3.5**)



33. Dahmani, Z., Anber, A., **Iqbal H. Jebril**, SOLVING CONFORMABLE EVOLUTION EQUATIONS BY AN EXTENDED NUMERICAL METHOD, **Jordan Journal of Mathematics and Statistics**, 2022, 15(2), pp. 363–380. (Scopus, Q4).
34. Jaradat, Y., Alia, M., Masoud, M., **Iqbal H. Jebril**, Garaibeh, A., Al-Arasi, S. A bibliometric analysis of the International Journal of Advances in Soft Computing and its Applications: Research influence and Contributions **International Journal of Advances in Soft Computing and its Application**, 2022, 14(2), pp. 167–184. (Scopus, Q3)
35. Hammad, M.A., **Iqbal H. Jebril**, Batiha, I.M., Dababneh, A.M., Fractional Frobenius Series Solutions of Confluent α -Hypergeometric Differential Equation, **Progress in Fractional Differentiation and Applications**, 2022, 8(2), pp. 297–304. (Scopus, Q1)
36. Bezziou, M., Dahmani, Z., **Iqbal H. Jebril**, Belhamiti, M.M., Solvability for a Differential System of Duffing Type Via Caputo-Hadamard Approach, **Applied Mathematics and Information Sciences**, 2022, 16(2), pp. 341–352. (Scopus, Q2)
37. **Iqbal H. Jebril**, Iqbal M. Batiha, On the Stability of Commensurate Fractional-Order Lorenz System. *Progress in Fractional Differentiation and Applications*. *Progr. Fract. Differ. Appl.* 8, No. 3, 1-7 (2022). (Scopus, Q2).

2021

38. **Iqbal H. Jebril**, Datta, S.K., Sarkar, R., Biswas, N., Common fixed point theorem in probabilistic metric space using lukasiecz t-norm and product t-norm, **Journal of Statistics Applications and Probability**, 2021, 10(3), pp. 635–639. (Scopus, Q2)
39. **Iqbal H. Jebril**, Ma'mon Abu Hammad, Ahmad R. Al Aboushi, Musa M. Salah, Osamah Ibrahim Khalaf, **User Satisfaction of Electric-Vehicles About Charging Stations (Home, Outdoor, and Workplace)**. *Turkish Journal of Computer and Mathematics Education* Vol.12 No.3(2021), 3589-3593. (Scopus, Q4).
40. Batiha, I.M., Oudetallah, J., Ouannas, A., Al-Nana, A.A., **Jebril, I.H.**, Tuning the fractional-order pid-controller for blood glucose level of diabetic patients, **International Journal of Advances in Soft Computing and its Applications**, 2021, 13(2), pp. 1–10. 2021. (Scopus, Q3)
41. Bezziou, M., **Jebril, I.**, Dahmani, Z., A new nonlinear duffing system with sequential fractional derivatives, *Chaos, Solitons and Fractals*, 2021, 151, 111247. 2021. Thomson Reuters (ISI), (Impact Factor 5.944)
42. Jebril, I., Abu Hammad, M., Nouh, E., ...Dalahmeh, Y., Almutlak, S. Properties of Conformable Fractional Gamma with two Parameters Probability Distribution. International Conference on Information Technology, ICIT 2021 - Proceedings, 2021, pp. 16–18, 9491764, 2021. (IEEE, Scopus).
43. Ouannas, A., Batiha, I.M., Khennaoui, A.-A., **Jebril, I.H.** On the 0-1 Test for Chaos Applied to the Generalized Fractional-order Arnold Map. International Conference on Information Technology, ICIT 2021 - Proceedings, 2021, pp. 242–245, 9491633, 2021. (IEEE, Scopus)



44. Dahmani, Z., Anber, A., Gouari, Y., Kaid, M., **JebriI, I.** Extension of a Method for Solving Nonlinear Evolution Equations Via Conformable Fractional Approach, 2021 International Conference on Information Technology, ICIT 2021 - Proceedings, 2021, pp. 38–42, 9491735
45. **JebriI, I.H.**, Biswas, N., Datta, S.K. On the growth analysis of meromorphic solutions of finite logarithmic order of linear difference equations in the unit disc 2021 International Conference on Information Technology, ICIT 2021 - Proceedings, 2021, pp. 582–588, 9491782
46. Hammad, M.A., **JebriI, I.**, Abujudeh, D., Dalahmeh, Y., Abrikah, S.A. Properties of Conformable Fractional Rayleigh Probability Distribution. 2021 International Conference on Information Technology, ICIT 2021 - Proceedings, 2021, pp. 13–15, 9491658
47. Hnaif, A., Tamimi, A., Abdalla, A., JebriI, I. A Fault-Handling Method for the Hamiltonian Cycle in the Hypercube Topology. *Computers, Materials and Continua*, 2021, 68(1), pp. 505–519. **Thomson Reuters (ISI), (Impact Factor 3.77).**
48. **JEBRIL, I.H.**, DATTA, S.K., SARKAR, R., BISWAS, N. Common Fixed Point Theorems Under Rational Contractions Using Two Mappings and Six Mappings and Coupled Fixed Point Theorem in Bicomplex Valued B-Metric Space, *Turkish World Mathematical Society Journal of Applied and Engineering Mathematics*, 2021, 11(3), pp. 804–813.
49. Bezziou, M., Dahmani, Z., Sarikaya, M.Z., **JebriI, I.** New mixed operators for fractional integrations with some applications, *Mathematics in Engineering, Science and Aerospace*, 2021, 12(1), pp. 95–108
50. **Iqbal H. JebriI** and Iqbal M. Batiha. On the Stability of commensurate Fractional-order Lorenz System, *Differential Equation. Progress in Fractional Differentiation and Applications*, Vol. 8, No. 3, PP: 401-407. **(Scopus Q2)** doi:10.18576/pfda/080305
51. **Iqbal H. JebriI**, Sanjib Kumar Datta, Rakesh Sarkar and Nityagopal Biswas Common Fixed Point Theorem in Probabilistic Metric Space Using Lukasiecz t-norm and Product t-norm, *Journal of Statistics Applications & Probability*. **(Scopus, Q2)**
52. Ma'mon Abu Hammad, Adnan M. Awad, **Iqbal H. JebriI**, Optimality of Bayesian Estimators: A Comparative Study Based on Exponential Progressive Type II Censored Data. *Journal of Statistics Applications & Probability*. **(Accepted, Scopus)**
53. Mohamed Bezziou, Zoubir Dahmani, Mehmet Zeki, **Iqbal H. JebriI**, New mixed operators for fractional integrations with some applications, *Mathematics in Engineering, Science and Aerospace (MESA)*. Vol 12 No 1 (2021).

2020

54. Gouari, Y., Dahmani, Z. & **JebriI, I.** (2020). Application of fractional calculus on a new differential problem of duffng type, *Advances in Mathematics: Scientific Journal*, 9(12), 10989-11002.
55. **Iqbal H. JebriI**, Sanjib Kumar Datta, Rakesh Sarkar, Nityagopal Biswas, Common fixed point theorems under rational contractions for a pair of mappings in bicomplex



- valued metric spaces, *Journal of Interdisciplinary Mathematics*, Vol. 22, No. 7, 2020, Pages 1071-1082. (Taylor and Francis Ltd.) (Scopus)
56. Iqbal M. Batiha, Ramzi B. Albadarneh, Shaher Momani, Iqbal H. Jebril, Dynamics Analysis of Fractional-order Hopfield Neural Networks, *International Journal of Biomathematics*, 13(08), 2050083. 2020 Thomson Reuters (ISI), (Impact Factor 0.4)

Before 2020

57. Pasupthi Narasimman, Hemen Dutta and Iqbal H. Jebril, Stability of mixed type functional equation in normed spaces using fuzzy concept, Vol. 48, No. 5, *International Journal of General Systems*, (2019). Thomson Reuters (ISI), (Impact Factor 2.9) (Taylor and Francis Ltd.)
58. Iqbal H. Jebril, Sanjib Kumar Datta, Rakesh Sarkar, Nityagopal Biswas, Common fixed point theorems under rational contractions using two mappings and six mappings and coupled fixed point theorem in bicomplex valued b-metric space. *TWMS J. of Apl. & Eng. Math.* Vol. 11 (3), 2019
59. Iqbal H. Jebril and Amani Jabawi, Some Properties of Fuzzy D- Coimplication, *IEEE Electrical Engineering and Information Technology (JEEIT)*, Amman, Jordan, 9-11 April, 2019. (Scopus)
60. Iqbal H. Jebril, Amani Jabawi, Ma.mon Abu Hammad. Some Properties of Fuzzy QL Co-implication, *Italian Journal of Pure and Applied Mathematics.* (Accepted, Scopus)
61. Hesham E. Ghoneim and Iqbal H. Jebril, QL Logic Fuzzy Co-implication (Some Properties and Applications), *Int. J. Open Problems Compt. Math.*, Vol. 11, No. 1, March 2018.
62. Iqbal H. Jebril, α -n-Norms and n-Bounded Linear Operator in Random n-Normed Space, *Ann. Fuzzy Math. Inform.* Volume 13, No. 1, 2017.
63. Iqbal H. Jebril and Mustapha Raissouli, On a class of generalized triangular norms, *Communications of the Korean Mathematical Society*, Vol.32 No.2, 2017. Thomson Reuters (ISI)
64. Iqbal H. Jebril, Nonlinear problem with subcritical exponent in Sobolev space, *Journal of Inequalities and Applications*, (2016) 2016:305. Thomson Reuters (ISI), (Impact Factor 0.63)
65. Iqbal H. Jebril, Conservative and Dissipative for T-norm and T-conorm and Residual Fuzzy Co-implication, *Bulletin of Mathematical Analysis and Applications*, Volume 8 Issue 4(2016), Pages 1-13. Thomson Reuters (ISI)
66. Iqbal H. Jebril and Hemen Dutta, Algebraic duals of some sets of difference sequences defined by Orlicz functions, *Journal of Inequalities and Applications*, 2014. Thomson Reuters (ISI), (Impact Factor 0.82)
67. Hemen Dutta, B. Surender Reddy and Iqbal H. Jebril, On two new types of statistical convergence and a summability method *Acta Scientiarum Technology*, Vol. 36, n. 1, Jan.-Mar., 2014. Thomson Reuters (ISI), (Impact Factor 0.15)
68. Iqbal H. Jebril and Mustapha Raissouli, Convergent Iterative Algorithms in the 2-inner Product Space R_n , *Int. J. Open Problems Compt. Math.*, Vol. 6, No. 4, 2013. pp: 49-62.



69. **Iqbal H. Jebril** and Hemen Dutta, An Extension of Modular Sequence Spaces, Abstract and Applied Analysis, Vol. 2013, Article ID 371806, 7 pages. Thomson Reuters (**ISI**), (Impact Factor 1.318)
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10. References:



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