

Ali Khalaf Hussain Al-Hachami

علي خلف حسين ايدام الحجامي

Professor

CONTACT

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EDUCATION

(08-04-2011) دكتوراه
Applied mathematics
Dundee University

RESEARCH METRICS

h-index (Scopus)	2
h-index (GS)	10
Citations (Scopus)	77
Citations (GS)	231
Documents (Scopus)	15
Documents (GS)	45

AWARDS

- Science Day

RESEARCH INTERESTS

- Applied mathematics, Numerical Analysis and Topology

ACADEMIC TITLES

2019-02-01 **Professor**

COURSES

- Numerical Analysis
- Measure theory
- Differential Equations system
- Advance of Complex Analysis

ADMINISTRATIVE POSITIONS

2022-06-01 - Present **Editor In Chief**

PUBLICATIONS (54)

1. **Semi-delta-open sets can be used to define new operators**
   AIP Conference Proceedings 3408 (1), 2026 | 2026
2. **Non-constant current at three dimension null point**
   AIP Conference Proceedings 3408 (1), 2026 | 2026
3. **Semi pre-c-separation axioms in topological spaces**
   AIP Conference Proceedings 3408 (1), 2026 | 2026
4. **Spectral Solution of Fractional Delay Equations via Fermat Polynomials**
   Proceedings of the International Conference on Applied Innovations in IT ..., 2026 | 2026 | Cited: 1
5. **Fermat Operational Matrix for Solving Nonlinear Fractional Differential Equations Using Spectral Galerkin Method**
   Wasit Journal for Pure sciences 5 (2), 22-31, 2026 | 2026
6. **Soft Nonlinear Quantile-Based AI Regression Under Uncertainty**
   Proceedings of the International Conference on Applied Innovations in IT ..., 2025 | 2025
7. **AI-Based Arabic Sign Language to Voice Translation System**
   Proceedings of the International Conference on Applied Innovations in IT ..., 2025 | 2025
8. **Applications of δ Continuous Function**
   Wasit Journal for Pure sciences 4 (2), 102-108, 2025 | 2025
9. **??**- Closed Set in Topological Spaces**
   2nd Samarra Local Scientific Conference Proceedings | 2024
10. **Three Dimensions of Fan Reconnection**
    Wasit Journal for Pure sciences 3 (2), 119-128, 2024 | 2024
11. **Three Dimensions of Fan Reconnection**
    Wasit Journal of Pure Sciences | 2024
12. **Applications of semi-pre-c-open sets**
    Wasit Journal for Pure sciences 3 (2), 129-139, 2024 | 2024 | Cited: 1
13. **On θg**-Closed Sets in Topological Spaces: θg**-closed Sets**
    Wasit Journal of Computer and Mathematics Science 2 (2), 115-121, 2023 | 2023

14. **γpg**- Closed Set in Topological Spaces**
Wasit Journal of Pure sciences | 2023

15. **On θg**- Closed Sets in Topological Spaces**
Wasit Journal of Computer and Mathematics Science | 2023 | Cited: 13

16. **Topological Spaces □□ And □□**
Wasit Journal of Computer and Mathematics Science 1 (2), 40-44, 2022 | 2022 | Cited: 13

17. **On normal space OR and Og**
Wasit Journal for Pure sciences 1 (2), 61-70, 2022 | 2022 | Cited: 18

18. **Notes on strongly Semi-closed graph**
Вестник Московского государственного технического университета им. НЭ ..., 2022 | 2022 | Cited: 14

19. **On Semi pre-generalized-closed sets**
Wasit Journal for Pure sciences 1 (2), 71-86, 2022 | 2022 | Cited: 12

20. **Topological Mappings Based on SPG*-Closed Set**
Wasit Journal of Computer and Mathematics Science 1 (3), 2022 | 2022 | Cited: 6

21. **New Types of Continuous Function and Open Function**
Wasit Journal of Computer and Mathematics Science 1 (2), 35-39, 2022 | 2022 | Cited: 6

22. **On Semi Feebly Separation Axioms**
Wasit Journal for Pure Sciences 1 (1), 55-70, 2022 | 2022 | Cited: 5

23. **Some weak hereditary properties**
Wasit Journal of Computer and Mathematics Science 1 (2), 45-49, 2022 | 2022 | Cited: 1

24. **ON FEEBLY OPEN SET AND ITS PROPERTIES: Topological space**
Akkad Journal Of Multidisciplinary Studies 2 (1), 1-11, 2022 | 2022

25. **Certain Types of Function Via Alpha -Open Sets**
Wasit Journal of Pure sciences | 2022 | Cited: 13

26. **Topological Spaces F_1And F_2**
Wasit Journal of Computer and Mathematics Science | 2022

27. **Open some (alpha, alpha star, alpha star star, continues function): Topological Space**
Akkad Journal Of Multidisciplinary Studies 2 (2), 31-37, 2022 | 2022

28. **Topological Spaces F1 And F2**
2022

29. **On semi θ-‘ axioms**
Journal of Physics: Conference Series | 2021 | Cited: 1

30. **ii \delta_g-closed set in topological spaces**
International Journal of Nonlinear Analysis and Applications | 2021

31. **A New SEPARATION AXIOM ii-T_(1/4)**
Journal of Wasit for Science and Medicine | 2021

32. **-closed set in topological spaces**
International Journal of Nonlinear Analysis and Applications 12 (2), 2049-2055, 2021 | 2021 | Cited: 1

33. **GENERALISED MODELS FOR TORSIONAL SPINE RECONNECTION**
J. Math. Anal. Appl 17 (1), 2020 | 2020

34. **Some feebly Separation Properties**
Journal of Physics: Conference Series 1294, 2019 | 2019 | Cited: 14

35. **MAGNETIC RECONNECTION IN THE ABSENCE OF THREE-DIMENSION NULL POINT**
Herald of the Bauman Moscow state Technical University, Series Natural Sciences, 2019 | 2019 | Cited: 13

36. **New Types of Openness and Closed Graphs in Topological Space**
Journal of Modern Mathematics and Statistics | 2019

37. **Kinematic Model for Magnetic Null-points in 2 Dimensions**
The Australian Journal of Mathematical Analysis and Applications | 2019

38. **New Types of Openness and Closed Graph in Topological space**
Journal of Modern Mathematics and Statistic 1 (13), 21-27, 2019 | 2019

39. **An Introduction to Numerical Analysis and MATLAB Programming**
2018

40. **The Principle of Mathematics**
2018

41. **Structure topology of magnetic field close to a null point**
Journal of Wasit for Science and Medicine 7 (2), 61-70, 2014 | 2014

42. **TOPOLOGICAL STUDY OF TORSIONAL SPINE MAGNETIC RECONNECTION AT NULL POINT**
Journal Of Wassit For Science & Medicine 6 (1), 112-123, 2013 | 2013

43. **Generalised Mathematical Models for 3D: Magnetic Reconnection at Null Points**
University of Dundee, 2011 | 2011

44. **Generalised models for torsional spine and fan magnetic reconnection**
Astronomy & Astrophysics 533, A78, 2011 | 2011 | Cited: 59

45. **Magnetic reconnection at 3D null points: effect of magnetic field asymmetry**
ArXiv | 2010 | Cited: 42

46. **Measurement of Stopping Power, Residual Range and Equivalent Dose Rate of α-Particles in Polymers PP and PE**
Journal of Education and Science 22 (2), 102.0-113.0, 2009 | 2009

47. **Variation of bulk etch rate and some other etching parameters with etching temperature for cellulose nitrate LR-115 detector**
Journal of Education and Science 22 (3), 49.0-60.0, 2009 | 2009 | Cited: 4

48. **Universal empirical relationship between efficiency of scintillation detector NaI (Tl) with gamma ray energy and distance using gamma spectroscopy (UCS-20)**
2008

49. **Generalised models for torsional spine and fan magnetic reconnection View all abstracts by submitter**
0

50. **احمد خلف محيميد ليث رابح محمد علي خطاب حسين PEو PP قياس قدرة الايقاف والمدى المتبقي والجرعة المكافئة لجسيمات الفا في البوليمرين**
0

51. **Generalised Models for Magnetic Reconnection with Spine-Aligned Current: Uniform Current**
0

52. **Using the Bownd Method to Solve the Integral Equations**
0

53. **Magnetic reconnection at 3D null points: effect of magnetic field asymmetry View all abstracts by submitter**
0

54. **HERALD OF THE BAUMAN MOSCOW STATE TECHNICAL UNIVERSITY. SERIES NATURAL SCIENCES**
HERALD OF THE BAUMAN MOSCOW STATE TECHNICAL UNIVERSITY. SERIES NATURAL ..., 0 | 0