



Academic Curriculum Vitae

Personal Information:

Full Name: Nehmat Kther Ahmed
Academic Title: Assistant Professor
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Education:

BSc degree in Mathematics- 1984 in Salahaddin University- College of Education -Erbil, Kurdistan, Iraq.
MSc – general topology – 1990 in University of Salahaddin - College of science, Erbil, Iraq.
Ph.D. – General Topology- 2013 in Salahaddin University- College of Education -Erbil, Kurdistan, Iraq

Employment:

- 1990 Asst. Lecturer of Mathematics, Department of Mathematics, College of Education, Salahaddin University-Erbil, Iraq.
- 1996 Lecturer of Mathematics, Department of Mathematics, College of Education, Salahaddin University-Erbil, Iraq.
- 2003 Assist. prof. of Mathematics, Department of Mathematics, College of Education, Salahaddin University-Erbil, Iraq.

Teaching experience:

Undergraduate courses:

- General Topology
- Foundation of Mathematics
- Mathematical Analysis
- Differential and Integral Calculus
- Linear Algebra

Postgraduate courses:

- Selected Topics in Topology, M.Sc. Mathematics.
- Advanced topology, M.Sc. Mathematics
- Dimension theory, M.Sc. Mathematics
- measure theory, M.Sc. Mathematics
- Select topic in topology, Ph.D. Mathematics
- Dimension theory, Ph.D. Mathematics

Research and publications

1. On α -continuous and α -open function, Education college journal;
2. On rs-continuous function and semi-T2 -space, Salahaddin university journal;
3. On δ^* -compact space, Duhok university journal;
4. Strongly Semi – Continuous function, Journal of dohuk University 2001
5. Same equivalents in a Topological Space, zanco journal of pure and applied sciences 2002
6. On function with semi θ -closed and irresolute semi θ -closed graph; Duhok university journal; 2004
7. On $p\delta$ -open set and $p\delta$ -continuous function, Salahaddin university journal.
- 8- On $p\theta$ -open set and $p\theta$ -continuous function, Journal of Kirkuk University, 2007, <https://www.iasj.net/iasj/download/5993253f3abaafaf>
9. $S\beta$ -open sets and $S\beta$ continuity, Thai Journal of Mathematics; 2012, <http://thaijmath.in.cmu.ac.th/index.php/thaijmath/article/view/512>
10. weak separation axioms and function with $S\beta$ closed graphs, International Journal Of Mathematical Sciences and Engineering Applications (India);
11. $S\beta$ compact and $S\beta$ closed spaces, International Journal of Scientific and Engineering Research;
12. $S\beta$ Para-compact spaces, Journal of Advanced Studies in Topology (Egypt); 2013, https://www.researchgate.net/profile/Nehmat-Kahmed/publication/340267141_document/links/5e810bf492851caef4ac9858/document.pdf
13. $S\beta$ compact sets and $S\beta$ locally compact spaces, Journal of Advanced Studies in Topology; 2013, https://www.academia.edu/download/84014350/531-Article_Text-4067-2-10-20180403.pdf
- 14- $\tilde{p}c$ -OPEN SETS and $\tilde{p}c$ -CONTINUITY in SOFT TOPLOGICAL SPACES, ZANCO Journal of Pure and Applied Sciences, 2018, <https://zankojournal.su.edu.krd/index.php/JPAS/article/view/2342>
- 15- Characterizations of $\tilde{p}c$ -Open Sets and $\tilde{p}c$ - almost Continuous Mapping in Soft Topological Spaces, Eurasian Journal of Science & Engineering ISSN 2414-5629 (Print), ISSN 2414-5602 (Online); 2018, <https://scholar.google.com/scholar?cluster=9790584133587420078&hl=en&oi=scholar>
- 16-On Soft $p\tilde{c}$ -Separation Axioms, Demonstr. Math.; 2020 , <http://dx.doi.org/10.1515/dema-2020-0003>
- 17-On Soft $p\tilde{c}$ -Regular and Soft $p\tilde{c}$ -Normal Spaces, Italian journal of pure and applied mathematics; (Accepted for publication)
- 18- On Soft $p\tilde{c}$ -Connected Spaces, Iraqi Journal of Science;2020, <http://dx.doi.org/10.24996/ij.s.2020.61.11.28>
- 19-On Soft Pc -Compact Spaces, New Mathematics and Natural Computation 2022, Vol. 16, No. 3; <http://dx.doi.org/10.1142/s1793005720500283>
- 20- Soft Separation Axioms and Functions with Soft Closed Graphs, Proyecciones (Antofagasta) 2022 Journal of Mathematics Vol. 41, No 1; <http://dx.doi.org/10.22199/issn.0717-6279-4004>
- 21-On nano $S\beta$ -open sets in nano topological spaces, General Letters in Mathematics; 2022, <http://dx.doi.org/10.31559/glm2022.12.1.3>

- 22- Soft pre Separation Axioms and Functions with Soft pre-Closed Graphs, General Letters in Mathematics; 2022, <http://dx.doi.org/10.31559/glm2022.12.2.4>
- 23- Nano SC-Open Sets in Nano Topological Spaces, Ibn AL-Haitham Journal For Pure and Applied Sciences 2023 <https://jih.uobaghdad.edu.iq/index.php/j/article/view/2958>.
- 24- Nano $S\beta$ -Connectedness in Nano Topological Spaces, Al-Mustansiriyah Journal of Science 2023 <https://doi.org/10.23851/mjs.v34i2.1245>
- 25- On pre-topological BCK-algebras, Journal of Algebra and Related Topics 2023, https://jart.guilan.ac.ir/article_6796.html
- 26- Nano $S\beta$ -operators And Nano -continuity in Nano Topological Spaces, *The Journal of University of Duhok* 2023 , <http://dx.doi.org/10.26682/sjuod.2023.26.1.1>
- 27- Some Separation Axioms Via Nano $S\beta$ -open sets in Nano Topological Spaces, *Italian Journal of Pure and Applied Mathematics*, *Accepted for publication*

Conferences and courses attended:

- 1- The First Iraqi-French Mathematics Conference in cooperation with College of Science, Salahaddin University/ Erbil, Erbil, 14th - 18th November, 2009.
- 2- 6th ICOWBAS, Salahaddin University, Iraq-Erbil- Kurdistan Region, March 18 - 19, 2017.
- 3- NCPAM, Erbil-KRG- IRAQ by Faculty of Education of Ishik, February 11-12, 2018.
- 4- 7th ISCIAS, 2021, Northern Technical University, Iraq- Mosul, March 23-24, 2021.
- 5- 8th Conference of research project of fourth student on May, 2019.
- 6- 9th ISCIAS on March, 26-27, 2022, Al-Ketab University- Krikuk
- 7- The 2th International Ecology, Environment and Energy Conference (ICEEE2015) Collaboration between Faculty of Education of Eshik University and College of Education of Salahaddin University-Hawler Erbil April 12-13, 2015
- 8 - The 6th International Visible Conference on Educational Studies and Linguistic in Erbil-Iraq organized by Faculty of Education of Eshik University and College of Education of Salahaddin University-Hawler . Erbil April 26,-27, 2015
- 9 - 5th Scientific Conference of Research Project of 4th Class students and 2nd Scientific Academic Posters of 1st Class students, 12/5/2015.
- 10 - 2nd Scientific conference in Garmian University ,May 6,7 / 2015 - 6th Scientific Conference of Research Project of 4th Class students . 17/5/2016..

Master's discussion committee member for:

- 1- Shahla Hama Karem Fuzzy open set in Fuzzy Topological Spaces. 2004 (Salahaddin Uni.)
- 2- **Some Generalizations of Numercail Ring 2002 (Salahaddin Uni)**
- 3- **Suzan N. Dawod, New function ,Multifunctions and Sepatarion axisoms 2013 (Zakho Uni.)**
- 4- **Zanyar A. Ameen, A New class og Semi open in Topological Spaces 2009 (Duhok Uni.)**
- 5- **Wuria M Ameen, Applection of Generalited pre-open set in Bi-topological Spaces 2002. (Salahaddin Uni.)**
- 6- **Abdulah M. Abduljabbar , θs -Continuity Openness and Closed Graph in Topological Spaces 2000 (Salhaddin Uni.)**
- 7- **Saddim Hassan Yunis, On Some Dimension Function 2001 (Salahaddin Uni.)**
- 8- **Ramadhan Ahed Muhsmmed, On Spacial Type of Semi Opens in Topological Spaces 2005.(Duhok Uni.)**
- 9- **Wlat Jalal Hamad , Approximation of Generalized Numerical Ringe, 2017 (Soran Uni.)**
- 10- Sagvan Y. Musa SS_c - Open set in Soft Topologcailspaces , (@015) (Zakho Uni.)
- 11- Yousif Abdullah Salih, On CR-Fuzzy Sets with their Applications to UP-algebras and Decision-Making (2023) Dhhok Uni.)
- 12- Arsalan Sh. Haji, On Cubic Interval Vague Topological Spaces,2023 (Dhok Uni.)
- 13- **SHADYA M. MERSHKHAN, APPLICATION OF P_P -OPEN SETIN TOPOLOGICAL SPACES.(2009) (Duhok Uni.)**
- 14- Hardi Nasradeen Aziz, Applications of a Conditional Preopen Set in Bitopological Spaces, (2006) (Sulaimani UNI.)

Doctoral discussion committee member for:

- 1- Hariwan Zikri Ibrahim, Analysis of α –Operations in Topological Spaces Group and Ring (2017) (Zakho Uni.)
- 2- Ramadhan Ahed Muhsmmed, On Soft Topologcail Spaces With Some Applications (Duhok Uni.)
- 3- Sagvan Y. Musa, Bipolar Hypersoft Sets: Set-Theoretic Operations, Mappings, Topology, and Applications, 2023

- 4- Hardi Nasradeen Aziz. , Some Topological Aspects via $\omega\delta$ – Open Sets and Cohen – Macaulay Rings (2019) (Sulaimani UNI.)

Professional memberships

- Member of the Kurdistan teachers union.
- Member of the Iraqi Alkhwarizmi Society.

Professional Social Network Accounts:

- <https://www.researchgate.net/profile/Nehmat-Kahmed>
- <https://scholar.google.com/citations?hl=en&user=lzleKgoAAAAJ>
- <https://www.linkedin.com/in/nehmat-ahmed-6aa091106/>