Ahmad Al-Omari
AL al-Bayt University
Topology
Fractional Calculus

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<tr>
<th>TITLE</th>
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Research Interests
Point set-Topology, fractional differential equation.

Education
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  Yarmouk University- Jordan (1985),
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• Title of M.Sc. thesis (On the structure of witt root system )
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Academic Experience
• from 29/2/2000 —14/2/2010: Lecturer at Mutah University /Jordan.
• from 14/9/2009– 10/9/2011 Assistant Prof. at Mutah University /Jordan.
• from 11/9/2011 — 20-12-2014 Assistant Prof. at Al al-Bayt University /Jordan.
• from 20/12/2014 until now Associate Prof. at Al al-Bayt University /Jordan.
1. Abdullah Jamaan Al-Ghamdi, Master thesis in topology "On $b$-$\theta$-open sets and some classes of functions via $b$-$\theta$-open sets" Mutah University, 2012.

2. Mohammad Tahat , Master thesis in topology "On $\delta$-Preopen Sets and Some Classes of Functions Via $\delta$-Preopen" Mutah University, 2012.


6. Saif Zuhair Hameed A Study Of Weak Forms Of Soft Functions

7. Malouh Abdelmuhdi Ahmad Baloush, On Some Properties of Topological Groups,  

8.  

**Publications**

1. T Noiri, A Al-Omari, $(\Lambda_x, \ast)$-closed sets and decompositions of $\ast$-continuity. Questions Answers General Topology, (Accepted).


14. A Al-Omari, T Noiri, On \( \alpha \)-\( \omega \)-open sets and \( \alpha \)-Lindelöf spaces, Acta Universitatis Apulensis. 46 (2016), 53-64.


16. A Al-Omari, T Noiri, on \( w\)-\( I_g \)-closed sets in weak structure spaces due to Császár with ideals, Mathematica (Cluj), Tome 57 (80), 12, (2015), 3-9.


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27. On topological groups via $\alpha$-local functions W Al-Omeri, M Noorani, A Al-Omari - Applied general topology, 2014


31. $\delta$-local function and its properties in ideal topological spaces Fasciculi Mathematica

32. Weak continuity between $WSS$ and $GTS$ due to Császár Malaysian Journal of Mathematical Sciences.


34. Characterizations of $w-T_0$ and $w-R_0$ via the topology generated by $\Lambda_w$, Questions and Answers in General Topology.

35. On Homogeneity and Homogeneity Components in Generalized Topological Spaces, ,Filomat (ISI)

36. A topology induced by weak structures due to Császár and ideals, Annals of the Alexandru Ioan Cuza University - Mathematics ISI

37. Regular $G$-closed sets and regular $G^*$-closed sets, , Mathematica (Cluj) Scopus

38. Some results related to topological groups via ideal topological spaces, , Acta Universitatis Apulensis.


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42. Some weak separation axioms in a weak structure space due to Császár, Analele Univ. Oradea Fasc. Matematica. Fasc. Matematica, Tom XX (2013), Issue No. 1, 105-111


44. Decompositions of $\tau_G$-continuity and continuity, Analele Universitatii Din Timisoara, Seria Matematica-Informatica


47. Decompositions of continuity in ideal topological spaces (Scientific Annals of "Al.I. Cuza" University of Iasi)

48. Weak $\phi$-continuous functions in grill topological spaces Hacettepe Journal of Mathematics and Statistics


50. A unified theory of contra-$\left(\mu, \lambda\right)$-continuous functions in generalized topological spaces Acta Mathematica Hungarica 135 (1-2) (2012), 31-41 (ISI)


52. Local And Global Existence of Mild Solutions For Impulsive Fractional Semilinear Integro-Differential Equation Communications in Nonlinear Science and Numerical Simulation Volume 16, Issue 9, September 2011, Pages 34933503 (ISI)


55. On $\theta_{(I.,J.)}$-continuous functions on Rend. Istit. Mat. Univ. Trieste (Scopus)


60. On $\alpha$-$\omega$-open sets and $\alpha$-Lindelöf spaces Accepted on Italian J. pure Appl. Math Scopus will be appeared in Vol. 27, No.2 (or Vol. 28, No.1).


62. $\pi_g b$-closed sets in topological spaces Mutah Lil-Buhuth Wad-Dirasat 26, (2011), 11-30

63. Existence of the mild solution for Impulsive fractional semilinear initial value problems Inter. math. Forum (in press)


68. Weakly b-open functions, Mathematica Balkanica 23 1-12 (2009)


72. On $T$-open sets and semi-Compact spaces Mathematica, Tome 51(74), No 2, 2009, pp. 153-161 Scopus

73. Weak and Strong Forms of $\omega$-Continuous Functions, 

74. Characterizations of Strongly Compact Spaces, 

76. Existence of the mild solution for fractional semilinear initial value problems
   Nonlinear Analysis: Theory, Methods and Applications, vol. 69, no. 9, pp. 3153-3159, 2008 ISI


81. Regular Generalized ω-Closed Sets,

82. Contra-ω-Continuous and Almost Contra-ω-Continuous,


84. w-Continuous like mapping., Al- Manarah . 13 (6) 135-147, (2007)


CONFERENCES

1. GFTA 2008 International Symposium on Geometric Function Theory and its Applications ( S-closed spaces via T-open sets )

2. 5th, Asian Mathematical Conference, Malaysia 2009 (characterization of compact spaces)
I have taught the following courses at Mutah University:

1. Calculus (1), (2), (3) (4).
2. Advance calculus.
3. Set Theory.
4. Linear Algebra (1).
5. Abstract Algebra (1).
6. Differential Equations (1) and (2).
7. Number Theory.
8. Complex Analysis (1).
10. Special function.
11. Real Analysis (1).
12. Topology (1)
13. Advance Topology

Referee Journal

1. Referee for Hacettepe Journal of Mathematics and Statistics, Turkey (ISI)
2. Referee for Inter. J. Nonlinear Science (uk)
3. Referee for Computers & Mathematics with Applications, Elsevier (ISI)
4. Referee for An Univ. Oradea, fasc. Mat. Romania
5. Referee for Journal of Applied Mathematics and Informatics(JAMI) South Korea
6. Referee for Mathematical communications (ISI)
7. Referee for Journal of Advanced Mathematical Studies
8. Referee for Journal of the Korea Society of Mathematical Education Series B: the Pure and Applied Mathematics
9. Referee for Folimat Journal (ISI)
10. Referee for Abstract and Applied Analysis (ISI)
11. Referee for Demonstratio Mathematica
12. Referee for Appl Math J Chinese Univ

15. Referee for Neural Computing and Applications (ISI)

16. Referee for Boletim da Sociedade Paranaense de Matemática

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Dr. A. Al-Nayef  
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**Computer Skills**

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3. The skill of programming using Maple.
4. The skill of using different types of software for graphing.
5. The skill of programming using Mathematica.

English: All of my study (B.S., M.S, Ph.D) are conducted in English language.