

CURRICULUM VITAE

PROF. HASSAN Z. HDEIB

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1. Personal Data:

Date of Birth : 1949
Place of Birth : Halhul
Nationality : Jordanian
Marital Status : Married with one child
Address : Dept. of Mathematics, Jordan University,
Faculty of Science, Amman-Jordan
Tel. No. : 00962 6 5355000 Ext. 2907 (Office),
00962 6 5152769 (Home)
Mobile No. : 00962 77 499206
Fax No. : 00962 6 5348932

2. Academic Qualifications:

1. Highest degree attained: Ph.D. Degree
2. Major field of specialization: Mathematics.
3. Special field of specialization for Ph.D. : Topology.
4. Language of study and research: English.
5. Institute issuing degree: State University of N. Y. at Buffalo, N. Y., U.S.A.
6. Date degree conferred: February 1, 1979.
7. Title of Ph.D. Thesis: Contribution to the theory of (n,m) -compact, paracompact and normal spaces.
8. Title of Master's Thesis: Mappings and Spaces 1975.
9. Languages: Arabic and English.

3. Teaching Experience:

<i>No.</i>	<i>Position</i>	<i>Place of Work</i>	<i>From</i>	<i>To</i>
1-	Full Professor	Jordan University	1998	Till now
2-	Full Professor	King Abdulaziz University	1997	1998
3-	Full Professor	Jordan University	Jan. 1991	Sept. 1997
4-	Full Professor	Yarmouk University	Sept. 1990	Jan. 1991
5-	Associate Professor	Kuwait University	1989	Aug. 1990
6-	Associate Professor	Yarmouk University	1988	1989
7-	Associate Professor	Kuwait University	1985	1988
8-	Associate Professor	Yarmouk University	1983	1985
9-	Assistant Professor	Yarmouk University	1979	1983
10-	Part-time Lecturer	Jordan University	1975	1976

4. Membership in Professional Organizations:

1. Member of Amer, Math. Soc.
2. Member of Jordanian Association of Mathematical Sciences.

5. Academic, Administrative or Related Experience:

1. Acting Chairman of Math. Dept, Yarmouk University, Irbid, Jordan, 1983-1985.
2. Member of Council of Faculty of Science, Yarmouk University, 1982-1985.
3. Member of Council of Faculty of Science, Jordan University, 1991-1993.
4. Member of Council of Jordan University, 1995-1996.
5. Chairman of Math. Dept., Jordan University, Amman-Jordan, 1998-2000.
6. Chairman of Math. Dept., Jordan University, Amman-Jordan, 2008 - till now.

6. Conferences:

1. The second Arab Conference in Physics and Mathematics, May, 1981, Jordan.
2. International Conference of Mathematics, August 1983, Warsaw, Poland.
3. All the Jordanian Math. Conferences.

7. Academic Honors:

1. Award of excellence in teaching, from Yarmouk University, 1985, Jordan.
2. Award of excellence in research in mathematics, from Abdel Hameed Shuman Association, Arab Bank, on the level of all Arab Countries, 1989.

8. Thesis Supervised of Master Level:

I supervised more than 30 M.Sc. thesis and 20 Ph.D. thesis in Mathematics.

9. Record of Courses Taught at University Level:

a- B.Sc. Level

1. Calculus Course.
2. Linear Algebra.
3. Ordinary Different Equations.
4. Euclidean and Non-Euclidean Geometry.
5. Real Analysis.
6. Complex Analysis.
7. Topology.
8. Abstract Algebra.
9. Number Theory.
10. Methods of Mathematical Physics.
11. Math. Education.

b- M.Sc. Level

1. General Topology.
2. Algebraic Topology.

c- Ph.D Level (The Ph.D. program started in 1996)

1. General Topology.

10. Publications:

a- Articles

1. Bara Abdrabo and Hasan Z.Hdeib, On pairwise P-closed spaces, Wseas Transactions on mathematics, DOI, 37394/ 23206 ,2022 , 21/59.
2. Janat A. Emwas and Hassan Hdeib. Compact complement topologies in Bitopological Space.Advances in Mathematics Scientific Journal, Vol. 10, issue 4, year 2021..
3. Jaradeh, Nafiz, & Hassan Hdeib. “One point paracompactification (metacompacttification). Italian Journal Pure and Applied Mathematics. (2021) ,
4. Rawashdeh. Nabaweah & Hassan Hdeib. Base Paracompactness In bitopological spaces. Advances in Mathematics Scientific Journal 10 (2021), No.2, 769-777.
5. Oudetallah, Jamal, M.Al-Hawari, & Hassan Hdeib. On Expandability in Bitopological Spaces.Theoretical Mathematics & Application. Vol. 10, No. 2, (2020) 1-8.
6. Abualkishik, Nabeela & Hassan Hdeib. Pairwise locally compact and pairwise locally lindelof. Advances In Mathematics Scientific Journal. May (2020).
7. Nosaiba M. Omar. Hasan Z. Hdeib, on pairwise C-closed in bitopological spaces, Journal of semigroup Theory and applications, Vol 2019 (2019), Article ID3.
8. Eman M. Almoher, Hasan Z. Hdeib, On pairwise L-closed spaces, Journal of Advances in Mathematics and Computer sciences, 30 (4): 1-8, 2019; Article no. JAMCS, 42120 ISSN: 2456-9968.
9. Eman M. Almoher, Hasan Z. Hdeib, On pairwise L-closed spaces In Bitopological spaces, J. Semigroup Theory and application 2018 (2018), Article ID7.
- 10.Hamza Qoqazeh, Hasan Z. Hdeib and Emad Abu Osba’, Metacompactness in Bitopological spaces, International Journal of Pure and Applied Mathematic, 119 (1), (2018) 191-205.
- 11.Hamza Qoqazeh, Hasan Hdeib and Emad Abu Osba’, D-Matacompactness in Bitopological spaces, Journal of Mathematics and Statistics (JJMS) 11 (4), (2018) 345-361.
- 12.Fuad Abu Shahin, Hasan Hdeib, On $[a, b]$ -Compactness In Bitopological spaces, Journal of Pure and Applied Mathematics, Vol 110, No. 3, 2016, 519-535.

13. Hdeib, H. Z. & Al-Zoubi, K. Y. Results on Dimension Theory and Some Generalizations of Compact Spaces .
Acta. Math. Univ. Comenianae. Vol. LXXXII, (2013), pp. 113-117.
14. Arar, M., & Hdeib, H. Strongly Paracompact Mappings. Italian Journal of Pure and Applied Mathematics –N. 31- 2013(177-186).
15. Relatively Strongly Normal and Relatively Normal Subspaces. Int. Math. Forum 5 (2010), no 12, 579-586.
16. MR2470660 Sarsak, M. S.; Hdeib, H. Z. Weakly ALC spaces. Int. Math. Forum 3 (2008), no 41-44. 2017-2024. 54D20.
17. MR2470659 Sarsak, M. S.; Hdeib, H. Z. On the product of two Lindelof spaces. Int. Math. Forum 3 (2008), no 41-44. 2011-2016. 54B10 (54D20)
18. MR2313081 Hdeib, H. Z.; Sarsak, M. S. A note on strongly L_{τ} -spaces. J. Indian Acad. Math. 28 (2006), no, 2, 439-442. 54B10 (54D20 54D30)
19. Expandable Mappings, Q and A in General Topology, Vol. 21, (2003), 147-157. (Written Jointly with K. Al-Zoubi).
20. Countably Paracompact Mappings, Q and A in General Topology, Vol 21, (2003), 41-51. (Written jointly with K. Al-Zoubi)
21. On Almost Lindelöf Spaces, Q and A in General Topology, Vol 19, (2001), 17-25. (Written jointly with M. Sarsak).
22. On Strongly Lindelöf Spaces, Q and A Vol. 18, (2000), 289-298. (Written jointly with M. Sarsak)
23. On a question of Hdeib, Q and A in General Topology, Vol. 15, (1997), 39-43.
24. Some results on $[n,m]$ -paracompact and $[n,m]$ -compact spaces, International J. of mathematics and mathematical sciences, Vol. 20, No. 1, (1977), 37-42.
25. C-scattered and Baire spaces, Q & A in General Topology, Vol. 9, No. 2, (1991), 195-202.
26. Parafindelöf and Metalindelöf Spaces, The mathematical heritage of C.F. Gauss, World Scientific publication Company, Singapore, (1991), 342-348.

27. On strongly L_f -spaces, Q & A in General Topology, Vol. 8, No.2, 1990.
28. On functionally countable spaces, Q & A in General Topology, Vol. 8, (1990), 495-502 (Written jointly with C. M. Pareek).
29. A Generalizations of Scattered Spaces, Topology Proceedings, Vol. 14, (1989), 59-75 (Written jointly with C. M. Pareek).
30. A note on Parafindelöf spaces, Q & A in General Topology, Vol. 7, No. 1, (1989), 53-59.
31. On spaces in which every open cover has a weakly cushioned refinement, Q & A in General Topology, Vol. 7, No. 1, (1989), 17-22.
32. ω -continuous functions, Dirasat J. of University of Jordan, Vol. XVI, No.2, (1989), 136-142.
33. Parafindelöf spaces, Q & A in General Topology, Vol. 6, No. 1, (1988), 1-9 (written jointly with C. M. Pareek).
34. On spaces which have countable tightness, Q & A in General Topology, Vol. 6, No. 1, (1988), 11-20.
35. A note on L-closed spaces, Q & A General Topology, Vol. 6, No. 1, (1988), 67-72.
36. On the product of paracompact spaces, Q & A in General Topology, Vol. 5, (1987), 229-236.
37. On spaces in which Lindelöf sets are closed, Q & A in General Topology, Vol. 4, (1986), 3-13 (written jointly with C. M. Pareek).
38. On submetrizable spaces, Mathematica Japonica, Vol. 31, No. 1, (1986), 39-43 (written jointly with Y. Ünlü).
39. On pairwise Lindelöf spaces, Revista colombiana de Mathematicas, Vol. XVII, (1983), 37-58 (written jointly with A. Fora).
40. ω -closed mapping, Revista Colombiana de Mathematicas, Vol. XVI, (1982), 65-78.
41. (n,m) -proper mappings, The Journal of the University of Kuwait (Science), Vol. 9, No. 2, (1982), 187-195.
42. On preservation of normality, Revista Colombiana de Mathematicas, Vol. XV, (1981), 65-80.
43. On sublindelöf spaces, Dirasat J. of University of Jordan, Vol. 10, No. 2, (1983), 65-71.
44. On expandable spaces, J. Coll. Sci., King Saud University, Vol. 14, No. 1, (1983), 193-200.
45. n -compact and scattered spaces, J. Coll. Sci., King Saud University, Vol. 14, No. 1, (1983), 187-192.

46. On almost expandable spaces, Arab J. of Mathematics, Vol. 3, No. 2, (1982), 47-54.
47. Characterizations of nearly paracompact and strongly paracompact spaces, Zanco, J. of Sulaimaniyah University, Vol. 7, No. 3, (1981), 62-66.
48. On pairwise paracompact spaces, Dirasat, J. of University of Jordan, Vol. IX, No. 2, (1982), 21-30 (written jointly with A. Fora).
49. A note on completely paracompact spaces, Dirasat, J. of University of Jordan, Vol. IX, No. 1, (1982), 31-38.
50. On $[n,m]$ -compact spaces, Dirasat, J. of University of Jordan, Vol. VIII, (1981), 17-19.
51. A generalization of a theorem of Willard, Iraqi J. Sci., Vol. 22, No. 2, (1981), 260-264.
52. A note on totally paracompact spaces, Iraqi J. Sci., Vol. 22, No. 1, (1981), 87-92.
53. A note on $[a,b]$ -compact spaces, Canad. Math. Bull., Vol. 22 (1), (1979), 105-112 (written jointly with C. M. Pareek).
54. A note on the product of paracompact spaces, Mathematica Japonica, Vol. 22, No. 4, (1977), 465-569 (written jointly with C. M. Pareek).

ب- الكتب المؤلفة :

1. كتاب للتفاضل والتكامل لوزارة التربية والتعليم ، سلطنة عمان ، 1985. (مع اخرين).
2. كتاب مقدمة في الجبر الخطي لوزارة التربية والتعليم ،سلطنة عمان، 1986، (مع اخرين).
3. كتاب الرياضيات للصف الحادي عشر العلمي لوزارة التربية والتعليم الاردنية، 1995، (مع اخرين).
4. كتاب الرياضيات للصف الثاني عشر العلمي لوزارة التربية والتعليم الاردنية ، 1996، (مع اخرين).
5. دليل المعلم لكتاب الرياضيات للصف الحادي عشر لوزارة التربية والتعليم الاردنية، 1997، (مع اخرين).
6. دليل المعلم لكتاب الرياضيات للصف الثاني عشر لوزارة التربية والتعليم الاردنية، 1997، (مع اخرين).

المشاركة في ترجمة كتب الرياضيات لجميع المراحل المدرسية للملكة العربية السعودية من خلال شركة عيبكان خلال الفترة 2014-2016.

د- الإشراف على كتب الرياضيات المدرسية لوزارة التربية والتعليم بالأردن خلال مرحلة التطوير التربوي من 2014-2017 ويشمل ذلك :

- 1) كتب الصفوف من الصف الرابع حتى الصف الثاني عشر العلمي والأدبي .
- 2) دليل المعلم للصفين الحادي عشر والثاني عشر علمي وأدبي .
- 3) كتب تعليم الكبار ومحو الأمية للصفوف من الأول ابتدائي وحتى السادس الابتدائي .

11. Other Research Activities:

1. Reviewer of Mathematical Reviews.
Referee of Q and A in General Topology.
Referee of several Jordanian Journals and some Arab Journals.
2. I Introduced some suggestions concerning the famous problem (when it was open): Is every regular paracompact space normal? These suggestions were included in Peter J. Nyikos paper "A survey of two problems" which appeared in Topology proceedings, Vol. 3, 1978, 461-471.
3. I proved that the product of a C-scattered metacompact space with a metacompact is metacompact which gave an affirmative answer to the problem (Is the product of metacompact scattered space and a metacompact space metacompact) raised by Peter J. Nyikos in his paper "Covering properties on σ -scattered spaces" which appeared in Topology proceedings, Vol. 2, 1977, 509-542. The abstract of this solution appeared in Problems in Topology Proc., Vol. 3, 1978, 539.
4. I posed several new problems in my papers which appeared in Question and Answers in General Topology. Several mathematicians worked on these problems.

12. Level of Computer command in Teaching and Research:

Very good.