

CURRICULUM VITAE

Name : Ahmad H. A. Bataineh
Father s name : Hayil Abdallah Bataineh
Date and place of birth : 01/05/1969, KufrYouba
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Title of Ph.D. Thesis : Matrix Transformations in Sequence Spaces

ACADEMIC QUALIFICATIONS :

1. High School (Scientific Stream) : 89.2% (very good), 1987, Al-Zarnooji Comprehensive School, KufrYouba, Irbid, Jordan.
2. B.Sc. (Major : Computer, Minor : Mathematics) : 72.0% (good), 1991, Yarmouk University, Irbid, Jordan.
3. M.Sc. (Mathematics) : 66.79% (First division), 1995, Aligarh Muslim University, Aligarh-202002 (U.P.), India.
4. Diploma in Computer Applications : 88.1% (grade A), 1998, Hiltron Calc, Aligarh-202002 (U.P.), India.
5. Ph.D. (Mathematics) : 1999, Aligarh Muslim University, Aligarh-202002 (U.P.), India.

LANGUAGES : Arabic (native), English

FELLOWSHIP AWARDED :

1. I was awarded a junior Research Fellowship for conducting my Ph. D. research project during July, 1996 to July, 2000 by the University Grants Commission, New Delhi, India.
2. I was awarded the Kuwait Junior Research Fellowship by the Kuwait Foundation for the Advancement of Sciences, for the six months period during February 1, 2006 to July 31, 2006, at the Department of Pure Mathematics and Mathematical Statistics, Centre for Mathematical Sciences, University of Cambridge, United Kingdom.

PROFESSIONAL EXPERIENCE :

1. Lecturer at Al al-Bayt University during September 17, 2000 to October 7, 2001.
2. Assistant Professor at Al al-Bayt University during October 7, 2001 to October 11, 2007.
3. Associate Professor at Al al-Bayt University since October 11, 2007 to April 28, 2019.
4. Professor at Al al-Bayt University since April 28, 2019.

ADMINISTRATIVE DUTIES :

Chairman of the Department of Mathematics at Al al-Bayt University during September 6, 2005 to September 26, 2007.

COURSES TAUGHT AT GRADUATE LEVEL :

Functional Analysis

Lebesgue Measure and Integration

COURSES TAUGHT AT UNDERGRADUATE LEVEL :

Calculus (all levels)

Fundamentals of Mathematics (for nonscientific major)

Statistical Methods

Linear Algebra (two levels)

Logic and set theory

Real Analysis (two levels)

Topology-1

Graph theory

Complex analysis

Differential geometry

Mathematical methods

Financial Mathematics

Risk theory

Discrete Mathematics

THESIS SUPERVISED AT MASTER LEVEL

(AL AL-BAYT UNIVERSITY) :

1. Some difference sequence spaces defined by Orlicz functions..
2. Difference sequence spaces over non-Archimedean fields and their matrix transformations.
3. A study of some generalized difference sequence spaces defined by Orlicz functions.

4. Some results on Orlicz spaces of entire sequences.
5. Some difference sequences defined by a sequence of modulus functions
6. Some properties and results on difference paranormed sequence spaces defined by a sequence of Orlicz functions
7. A study on some Orlicz functions of difference sequences.
8. On Cesaro sequence spaces and related results.
9. Some properties and results on seminormed sequence spaces defined by Orlicz functions.
10. Some difference sequence spaces generated by infinite matrices

Also, I have participated in several defense committees for Master students at Al al-Bayt University and in other universities and I was an external examiner for Ph. D. thesis.

I have been granted sabbatical leave from Al Al-Bayt University during the academic year 2016/2017. This sabbatical leave was at Jordan University of Science and Technology.

LIST OF PUBLICATIONS :

1. Z. U. Ahmad and Ahmad H. A. Bataineh, β -convergence and related matrix transformations, Proceedings of the National Seminar on Analysis, held at the Madhav Vigyan Mahavidyalaya (Vikram University), Ujjain (M. P.), during March, 13-15, 1999, pp. 1-24.
2. Z. U. Ahmad and Ahmad H. A. Bataineh, New paranormed spaces generated by sequence of infinite matrices and difference sequences, The Aligarh Bull. of Maths., Volume 18, 1999, 1-13.
3. Z. U. Ahmad and A. H. Bataineh, A note on generalized sequence spaces of β -bounded variation, Matimyias Mat., 23 (2000), No. 3, 1-16.
4. Z. U. Ahmad and Ahmad H. A. Bataineh, Some new sequences defined by Orlicz functions, The Aligarh Bull. of Maths., Volume 20, No. 2, 2001, 39-51.
5. Z. U. Ahmad and Ahmad H. A. Bataineh, Summability of trigonometric sequences by sequence of infinite matrices, Commun. Fac. Sci. Univ. Ank. Series A1, V. 50, 33-41 (2001).
6. Ahmad H. A. Bataineh, On generalized spaces of β bounded sequences, The Aligarh Bull. of Maths., Volume 21, No. 1, 2002, 67-77.

7. Z. U. Ahmad and Ahmad H. A. Bataineh, On generalized spaces of sequences of β -bounded variation, Thai J. Math., Vol. 1 (2003), No. 2, 57-66.
8. Z. U. Ahmad, Mursaleen and Ahmad H. A. Bataineh, On some generalized spaces of difference sequences, Southeast Asian Bulletin of Mathematics (2005) 29 : 635-649.
9. Ahmad H. A. Bataineh, Some new difference sequence spaces of invariant means, International Mathematical Forum, 1, 2006, no. 12, 551-557.
10. Ahmad H. A. Bataineh and Hashim Khaleel Zeigan, Some difference sequence spaces defined by Orlicz functions, Southeast Asian Bulletin of Mathematics (2006) 30 : 1017-1027.
11. Ahmad H. A. Bataineh and Ramzi S. Alsaedi, Generalized difference sequence spaces defined by a sequence of Orlicz functions, International Mathematical Forum, 2, 2007, no. 4, 187-193.
12. Ahmad H. A. Bataineh and Naser A. Al-Odat, On Lacunary strong $(A; u)$ -convergent sequences with respect to a sequence of modulus functions, Southeast Asian Bulletin of Mathematics (2008) 32 (2) : 193-198.
13. Ahmad H. A. Bataineh and Ibrahim M. A. Sulaiman, Some difference sequences defined by a sequence of modulus functions, Proyecciones Journal of Mathematics, Vol. 29, No. 1, pp. 1-8, May 2010.
14. Ahmad H. A. Bataineh and Alaa A. Al-Smadi, On Orlicz functions of generalized difference sequence space, Acta Universitatis Apulensis, No. 24, 2010, pp. 63-72.
15. Ahmad H. A. Bataineh and Shaher M. Al-Sharo, Some results on Orlicz spaces of entire sequences, General Mathematics, Vol. 21, No. 1, (2013), 3-11.
16. Ahmad H. A. Bataineh, On lacunary almost convergent sequences, Acta Universitatis Apulensis, No. 28/2011, pp. 189-201.
17. Ahmad H. A. Bataineh and Omran A. Al-Mahmod, Some new generalized difference sequence spaces defined by Orlicz functions, Acta Universitatis Apulensis, Special Issue ICTAMI, 2010, 491-500.
18. Ahmad H. A. Bataineh, On the difference space $m(M; A; p)(\tau; \varphi)$ defined by an Orlicz function and an infinite matrix, International Mathematical Forum, Vol. 7, 2012, no. 34, 1669-1677.

19. Ahmad H. A. Batatineh, The sequence spaces $[\mathcal{W}(M; \mu; \mathcal{F}S)]$ and $[\mathcal{W}(M; \mu; \mathcal{F}S)]$ and related results, International Mathematical Forum, Vol. 7, 2012, no. 39, 1905-1914.
20. Naser A. Al-O dat and Ahmad H. A. Batatineh, On lacunary \mathcal{W} -statistically convergent sequences, Indian Journal of Mathematics, Vol. 54, No. 1, 2012, 105-118.
21. Ahmad H. A. Batatineh, Some results on difference sequence spaces, Indian Journal of Mathematics, Vol. 54, No. 2, 2012, 259-270.
22. Ahmad H. A. Batatineh, Some classes of difference sequences defined by modulus functions, Analele Universitatii Oradea, Fasc. Matematica, Tom XXI (2014), Issue No. 2, 73-78.
23. Ahmad H. A. Batatineh, On Difference Orlicz Sequence Space of Cezàro Type, Far East Journal of Mathematical Sciences, Vol. 102, No. 1, 2017, 97-109.
24. Nizar K. Al-Ooshoush, L. E. Azar and Ahmad H. A. Batatineh, A sharper form of half-discrete Hilbert inequality related to Hardy inequality, accepted for publication in Filomat.
25. Ahmad H. A. Batatineh, Some lacunary \mathcal{W} -convergent sequences defined by Orlicz functions, Far East Journal of Mathematical Sciences, Vol. 107, No. 1, 2018, 127-141.
26. Ahmad H. A. Batatineh, On Strongly Cezàro Summable Sequences, accepted for publication in Tamsui Oxford Journal of Information and Mathematical Sciences.

PAPERS PRESENTED AT CONFERENCES :

1. \mathcal{W} -convergence and related matrix transformations, Presented at the National Seminar on Analysis , held at the Madhav Vigyan Mahavidyalaya (Vikram University), Ujjain (M. P.), India, during March, 13-15, 1999.
2. Summability of trigonometric sequences by sequence of infinite matrices, Presented at the National Conference on Analysis, Wavelets and Applications , held at the Department of Mathematics, Madhav Vigyan Mahavidyalaya, Ujjain (M. P.), India, during February 12-14, 2000.
3. On generalized spaces of β bounded sequences, Presented at the Scientific day , held at Al al-Bayt University, on May 8, 2001.

4. On new difference sequence spaces defined by a sequence of Orlicz functions, Presented at the Second Scientific day , held at Al al-Bayt University, during May 8-9, 2002.
5. Summability of trigonometric sequences by sequence of infinite matrices, Presented at the Third Scientific Conference , held at Al al-Bayt University, during May 21-22, 2003.
6. Some difference sequence spaces defined by Orlicz functions, Presented at the 6-th Pan-African Congress of Mathematicians , held at Tunis, Tunisia, during September 01-06, 2004.
7. Some lacunary convergent sequences defined by Orlicz functions, Presented at the International Conference Science (Al al-Bayt University and Universiti Kebangsaan Malaysia) , held at Jordan, Mafraq / Al al-Bayt University, during November 20-22, 2012.