



Dr. Al-Oushoush Kh. Nizar
Department of Mathematics - Faculty of Science
Al-Balqa' Applied University,
Al-Salt 19117, Jordan
aloushoush@bau.edu.jo
Curriculum Vitae

Personal Information:
Name: Nizar Kh. Al-Oushoush
Academic Rank: Associate Professor
Department: Mathematics
Date of Birth: 05\02\1965
Nationality: Jordanian
Marital status: Married
Faculty: Science
Email: aloushoush@bau.edu.jo , nizar988@yahoo.com , nizar988@gmail.com
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Field of Specialization:
Major: Mathematics
Minor: Functional Analysis

Education:					
Degree	Specialization	Graduation Year	University	Country	Title of the Dissertation
Ph.D.	Functional Analysis	2002	Shandong Uni.	China	Approximation by Faber Series and Bessel Series
MSc.	Functional Analysis	1999	Shandong Uni.	China	Uniform Approximation
BSc.	Mathematics	1988	Qatar Uni.	Qatar	

Academic Experience:		
Associate Professor	December 2017 – Present	Al-Balqa' Applied University, Faculty of Science, Dep. of Mathematics
Assistant Professor	September 2013- December 2017	Al-Balqa' Applied University, Faculty of Science, Dep. of Mathematics
Full time lecturer in assistant professor	September 2011-September 2013	Al-Balqa' Applied University, Faculty of Science, Dep. of Mathematics
Assistant Professor	September 2004-september 2011	Al-Hussein Bin Talal University, Faculty of Science, Dep. of Mathematics
Assistant Professor	September 2003- September 2004	Applied Science University, Faculty of Science, Dep. of Mathematics

Research Interests:
Inequalities: Hilbert Integral Inequality, half-discrete Hilbert inequality, differential form of Hilbert's inequality, Weierstrass Inequality.
Approximation: Approximation by Bessel , Faber series and Vallee Poussin's Sum, Uniform approximation
Analysis: Real Analysis, Complex Analysis

Computer Skills:
OS: Windows (International Computer Driving License ,ICDL UN 02 10 3685)
Text Processing: Latex, Word

Honors, Academics Awards:
A scholarship from Chinese government to Jordan government to get the Ph. D. degree in Mathematics from the University of Shandong, China (1999-2002).
A scholarship from Chinese government to Jordan government to get the Master degree in Mathematics from the University of Shandong, China (1995-1999)
A scholarship from Qatar government to Jordan government to get the BSc degree in Mathematics from the Qatar University, Qatar, (1984-1988)

Administrative and Practical Experience		
Duties	Employer	Date
Vice Dean for Academic Affairs	Al-Balqa' Applied University, Faculty of Science	9\2018-9\2019
Vice Dean for Academic Affairs	Al-Balqa' Applied University, Faculty of Science	9\2015 - 9\2016
Assistant to Dean for Student Affairs	Al-Balqa' Applied University, Faculty of Science	9\2014 -9\2015
Head of Department of Mathematics Dep.	Al-Balqa' Applied University, Faculty of Science, Dep. of Mathematics	9\2014 -9\2015
Acting Dean of the Faculty of Science	Al-Hussein Bin Talal University, Faculty of Science	7\2008 – 9\2008
Vice Dean of the Faculty of Science	Al-Hussein Bin Talal University, Faculty of Science	9\2007 -9\2008
Head of Department of Mathematics Dep.	Al-Hussein Bin Talal University, Faculty of Science, Dep. of Mathematics	9\2005 – 9\2006

Educational supervisor for Math. Subject	Ministry of Education, Jordan	9\2002 – 9\2003
Part-time Instructor	Islamic Science institute, Jinan City, China	9\1995 - 9\2001
Educational supervisor for Math. subject	Ministry of Education, Jordan	9\1994 – 9\1995
Teacher for Mathematics subject	Ministry of Education, Jordan	9\1988 – 9\1994

University Courses Taught: (Master degree)

MEASURE THEORY AND INTEGRATION

COMPLEX ANALYSIS

University Courses Taught:(Undergraduate degree)

Calculus 1

Calculus 2

Intermediate Analysis

Advanced Calculus

Ordinary Differential Equations

Engineering Mathematics (1)

Engineering Mathematics (2)

Real Analysis1

Mathematical Analysis(1)

Mathematical Analysis(2)

Complex Analysis(1)

Euclidean Geometry

Non-Euclidean Geometry

Linear Algebra(1)

Special function & Fourier Analysis
Number Theory
Foundations of Mathematics
Financial Mathematics
Mathematics for Business and Economics Students

Meeting and Conferences:

The First Arab Conference in Mathematic, [Mathematics Department, Faculty of Basic Sciences, Applied Sciences Private University Amman-Jordan](#), 2003\10\8-6.

Fifteenth International Conference of forum for Interdisciplinary Mathematics, (Interdisciplinary Mathematical & Statistical Techniques), [Shanghai – China](#), 2007\05\23-20. [Behavior of Faber series at an analytic point on the boundary.](#)

Petra International Conference on Mathematic, [Department of Mathematics& Statistic., Faculty of Sciences, Al-Hussein Bin Talal Uni.,\(Ma'an - Jordan\).](#)2007\10\25-24. The Fejer sum of Bessel series on unit circle.

Selected Publications:

1) **Al-Oushoush Kh.Nizar**, Rateb Al-Btoush and Moa'ath Oqielat, A generalization of Weierstrass Inequality with some Parameters, [Australian Journal of Basic and Applied Sciences \(AJBAS\)](#), 2020 February; 14(2): pages 36-41 DOI: 10.22587

2) **Al-Oushoush Kh.Nizar**, Laith E. Azar, and Ahmad H.A. Bataineh, A sharper form of half-discrete Hilbert inequality related to Hardy inequality, [Filomat](#), 2018 Volume 32, Issue 19, Pages: 6733-6740

3) **Al-Oushoush Kh.Nizar**, An extended differential form of Hilbert's inequality, [Journal of King Saud University-Science](#), [Volume 31, Issue 1](#), January 2019, Pages 21-23.

4) M. Oqielat, O. Ogilat, **Nizar Al-Oushoush** and A. S.i Bataineh , Radial Basis Function Method For Modelling Leaf Surface from Real Leaf , [Australian Journal of Basic and Applied Sciences \(AJBAS\)](#), 2017, 11(13) October 2017, Pages: 103-111.

5) **Al-Oushoush Kh.Nizar**, Mixed Form of Hilbert Integral Inequality, [Journal of Mathematical Analysis](#), Vol.7, No.6, pp. 13-18 , 2016.

6) Rateb Al-Btoush and **Al-Oushoush Kh. Nizar**, Approximation of Continuous Functions by Vallee Poussin's Sum, [Italian journal of pure and applied mathematics](#) ,Vol. 37 ,No.1,pp.541–552.,2017

7) A. Bataineh, O. Isik, **Al-Oushoush Kh. Nizar** and N. Shawagfeh, Bernstein Operational Matrix with Error Analysis for Solving High Order

Delay Differential Equations, Int. J. Appl. Comput. Math , DOI 10.1007/s40819-016-0212, pp. 1-14, 2016.
8) J.J. Jaraden, Dmitry Malinin and Al-Oushoush Kh.Nizar , On S -Quasinormal Subgroups and some Applications, Mathematical Sciences Letters , Vol.4, No. 2, pp.117-122, 2015.
9) Al-Oushoush Kh. Nizar and Mu Lehua, Behavior of the Faber series at an analytic point of the Boundary, Global Journal of Pure and Applied Mathematics(GJPAM) , Republic of South Korea , Vol.8, No.5, pp. 509-515, 2012.
10) Al-Oushoush Kh. Nizar , The Fejer sum of the Bessel series on the unit circle, International journal of Pure and Applied Math. , Bulgaria, Vol.74, No.4. pp.2012.
11) Mu Lehua and Al-Oushoush Kh. Nizar , Behavior of the Bessel series at an analytic point of the Boundary, Journal of Shandong Uni. , China, Vol.34 No.4, 1999.
12) Mu Lehua and Al-Oushoush Kh. Nizar , The equiconvergence theorem for the Bessel series on the unit circle, Journal of Shandong Uni. , China, Vol.33 No.1 ,1998.