

CURRICULUM VITAE

Personal

Name: Ahmad Mohammad Adawi
Date of Birth: March 23, 1967
Nationality: Jordanian
Title: Assistant Professor
Address: Department of Mathematics
Hashemite University
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Education

1. Ph.D. in Mathematics, University of Jordan, 1999.
2. M.Sc. in Mathematics, University of Jordan, 1989.
3. B.Sc. in Mathematics, University of Jordan, 1987.

Thesis

Title of Ph.D. Thesis: On the Fractional Differential System
Title of M.Sc. Thesis: On the generalized Stieltjes Transform

Field of Specialization

Differential Equations

Experiences

1. Associate Professor, Hashemite University, 2011 – Present.
2. Assistant Professor, Hashemite University, 2003 – 2011.
3. Lecturer, Hashemite University, 1995-1998, 1999 - 2003.
4. Lecturer, Alzaytoonah University, Amman, 1993-1995.

Teaching Record

1. Calculus I, II, and III.
2. Mathematics for Economics and Business
3. Mathematics for Engineering I and II
4. Statistics for Economics and Business
5. Ordinary Differential Equations I and II
6. Methods of Statistics I and II
7. Linear Algebra I
8. Euclidian Geometry
9. Vector Analysis
10. Special Functions
11. Partial Differential Equations
12. Linear Programming
13. Probability Theory
14. Abstract Algebra I
15. Number Theory
16. Advanced Calculus
17. Integral Equations
18. Complex Analysis
19. Topology I

Committee Service

A member of the council of Faculty of Science and Arts committee for the academic year 2004 - 2005.

The chairman of the department of mathematics for the academic year 2015- 2016.

Publications

1. A.Adawi & A.Alawneh (2003), A Parseval-type Theorem Applied to Certain Integral Transforms on Generalized Functions, IMA Journal of Applied Mathematics, Vol. 68, No 6, pages 587-593.
2. A.Adawi & F.Awawdeh (2008), New Approach to Compute Integral Transforms, Journal of Mathematics and Statistics, Vol. 4, No. 2, pages 94-97.
3. F.Awawdeh, A.Adawi & S.AlShara (2008), Analytic Solution of Multipantograph Equation , Journal of Applied Mathematics and Decision Sciences, Vol. 2008, Article ID 605064, 10 pages, doi:10.1155/2008/605064.
4. A.Adawi, F.Awawdeh & H.Jaradat (2009), A Numerical Method for Solving Linear Integral Equations, International Journal of Contemporary Mathematical Sciences, Vol.4, No10, pages 485-496.
5. F.Awawdeh, A.Adawi & S.AlShara (2009), A Numerical Method for Solving NonLinear Integral Equations, International Mathematical Forum, Vol 4, No17, pages 805-817.
6. F.Awawdeh, A.Adawi & Z.Mustafa (2009), Solution of the SIR models of epidemics using HAM, Chaos, Solitons and Fractals, Vol 42, Issue 5, pages 3047-3052.
7. A.Adawi(2010), Existence and Uniqueness Theorems of Higher Order Fractional Differential Equations. Journal of Applied Sciences, Vol 10, No. 18, pages 2132-2135.
8. M.Abu Shawiesh, J. Sinsomboonthong, A.Adawi, M. Almomani (2020), Confidence Intervals for the scale parameter of a two-parameter Weibull distribution: One sample problem. International Journal of Applied Mathematics, Vol 33, No 3, pages 451-478.