Maisa Khader
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Education

8/2002-5/2009	PHD in Mathematics University of Tennessee at Knoxville Dissertation Title: Nonlinear Dissipative Wave Equations with Space Time Dependent Potentials
8/1997-5/1999	Master's Degree in Mathematics University of South Alabama
8/1995-12/1996	Master's Degree in Statistics American University, Washington D.C
9/1989-1/1995	Bachelor Degree in Mathematics Alquds University, West Bank

Experiences

8/2014-6/2016	Jordan University Part Time Assistant Professor Amman-Jordan Teaching Calculus I, Engineering Mathematics I.
9/2009-present	Princess Sumaya University for Technology Assistant Professor Amman-Jordan Teaching Calculus I, II and III, Numerical Analysis, Engineering Mathematics I and II.

Experiences Cont.

8/2002 - 7/2009	University of Tennessee Graduate Teaching Assistant/ Associate Taught College Algebra, Finite Mathematics, Basic Calculus, Calculus I.
7/2006-7/2007, 7/2008	University of Tennessee Graduate research assistant, working with honors undergraduate students.
7/2001 - 8/2002	Agricultural Credit Corporation Amman-Jordan Worked in statistics department
9/2000 - 6/2001	Al-Manhal International School Amman- Jordan Taught mathematics ***GCSE / British National Curriculum***
8/1997-5/1999	University of South Alabama Graduate Assistant

Research

Partial differential equations

Computer Skills

Excel, Word, Power Point, Matlab, Maple, SAS, Fortran, TeX

Conferences/ Workshops

December 23-25, 2015	The 4th Abu Dhabi University Annual International Conference: Mathematical Science and its Applications. The Decay Rate of Solutions for the Cauchy Problem in Timoshenko System.
March 28-29, 2008	Mathematical Association of America Southeastern Section 87th Annual Meeting Charleston, South Carolina Nonlinear Dissipative Wave Equations with Space-Time Potential
June 30-July 7, 2004	World Congress of Nonlinear Analysis, Orlando, FL.
Spring 2004	John H. Barrett Memorial Lectures, University of Tennessee.

Academic Awards

11/2008	I am invited to chair a Contributed Paper Session at the Joint Mathematics Meetings in Washington, D.C
9/2008-9/2009	Membership to the AWM I was selected as one of the three nominees, through a vote of the professorial staff of the Mathematics Department. University of Tennessee
9/2009	The AWM workshop grant to attend and present a poster at the Joint Mathematics Meeting, Washington D.C (Jan 5-8, 2009).
8/2004-7/2007	Science Fellowship Award, University of Tennessee
1997-1999	Alpha Theta Chi, University of South Alabama
8/1995-12/1996	Scholarship/ Karim Rida Said Foundation (KRSF) American University, Washington D.C

Memberships

2002-2009	AMS, SIAM
9/2008-2009	AWM
5/2022- present	IEEE, WIE

Publications

1. H. Bounadja M. Khader, Optimal decay rate for the Cauchy problem of the standard linear solid model with Gurtin--Pipkin Thermal Law. In press Journal of Mathematical Analysis and Applications. DOI: 10.1016/j.jmaa.2021.125844

2. M.Khader, M. Dar Assi, Residual power series method for solving nonlinear reaction-diffusion-convection problems. Boletim da Sociedade Paranense de Matematica. Volume 39 No 3 (2021) https://doi.org/10.5269/bspm.41741.

3. M. Khader, B. Said-Houari, Optimal decay rate of solutions to Timoshenko system with past history in unbounded Domains. Zeitschrift Fur Analysis Und Ihre Anwendungen Journal of Analysis and Its Applications. Volume 37 (2018), 435-459 DOI: 10.4171/ ZAA/ 1622.

4. F. Moh'd, M. Khader, Graded modules over first strongly graded rings. Malaysian Journal of Mathematical Sciences 11 (2) (2017), 205-220.

5. M. Khader, B. Said-Houari: On the decay rate of solutions of the Bresse system with Gurtin-Pipkin Thermal law, Asymptotic Analysis 1 (Jan. 2017), 1 – 32, DOI 10.3233/ASY-171417.

6. M. Khader, B. Said-Houari, Decay rate of solutions to Timoshenko system with past history in unbounded domains, Applied Mathematics and Optimization., Volume 75 (2017) Issue 3, 403–428, DOI 10.1007/s00245-016-9336-6.

7. M. Khader, Global existence for the dissipative wave equations with space-time dependent potential, Nonlinear Analysis: Theory, Methods and Applications, 81(2013) 87-100.

8. M. Khader, Nonlinear dissipative wave equations with space-time potential, Nonlinear Analysis: Theory, Methods and Applications, 74 (2011) 3945-3963.

References

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