

Sep. 30, 2021

Name: AHMED Y. ABDALLAH

Education: Ph. D., Applied Mathematics, University of South Florida, 2003

Academic experience:

06/2016-present, **Professor**, University of Jordan

10/2008-06/2016, **Associate Professor**, University of Jordan, Jordan.

09/2010-09/2013, **Associate Professor**, University of Ha'il, Saudi Arabia. (**On leave from the University of Jordan**)

09/2003-10/2008, **Assistant Professor**, University of Jordan, Jordan.

Non-academic experience: None.

Certificate or professional registrations: None.

Current membership in professional organizations:

American Mathematical Society

Elsevier Publications

Springer-Verlag Publications

Honors and awards: None

Service activities:

A member of different committees in the mathematics department.

Supervised the dissertation of 4 Ph.D. students and the thesis of 8 master students.

Reviewed many manuscripts for different journals in mathematics.

Worked at the University of Tabuk, Saudi Arabia, as a part of the government agreement between the University of Jordan and the University of Tabuk, 1st semester 2015.

ABET committee member, Mathematics Department.

Ph.D. Qualifying Exam committee.

Most important publications and presentations from the past five years:

[1] A.Y. Abdallah, Dynamics of Second Order Lattice Systems with Almost Periodic Nonlinear Part, *Qualitative Theory of Dynamical Systems*, **2021**, **20(2)**, **58**

[2] A.M. Boughoufala, A.Y. Abdallah, Attractors for fitzhugh-nagumo lattice systems with almost periodic nonlinear parts, *Discrete and Continuous Dynamical Systems - Series B*, **2021**, **26(3)**, **pp. 1549–1563**

[3] R.T. Wannan, A.Y. Abdallah, Long-Time Behavior of Non-Autonomous FitzHugh–Nagumo Lattice Systems, *Qualitative Theory of Dynamical Systems*, **2020**, **19(3)**, **78**

[4] A.Y. Abdallah, Attractors for first order lattice systems with almost periodic nonlinear part, *Discrete and Continuous Dynamical Systems - Series B*, **2020**, **25(4)**, **pp. 1241–1255**

[5] A.Y. Abdallah, R.T. Wannan, Second order non-autonomous lattice systems and their uniform attractors, *Communications on Pure and Applied Analysis*, **2019**, **18(4)**, **pp. 1827–1846**

[6] A.Y. Abdallah, Attractors for second order lattice systems with almost periodic symbols in weighted spaces, *Journal of Mathematical Analysis and Applications*, **2016**, **442(2)**, **pp. 761–781**

[7] A.Y. Abdallah, Asymptotic behavior of strongly damped nonlinear beam equations, *Rocky Mountain Journal of Mathematics*, **2016**, **46(4)**, **pp. 1071–1088**

- [8] A.Y. Abdallah, Asymptotic Dynamics of Second Order Nonautonomous Systems on Infinite Lattices, *International Journal of Bifurcation and Chaos*, **2016**, **26(1)**, **1650003**
- [9] A.Y. Abdallah, Uniform exponential attractors for non-autonomous Klein-Gordon-Schrödinger lattice systems in weighted spaces, *Nonlinear Analysis, Theory, Methods and Applications*, **2015**, **127**, pp. **279–297**, **10598**
- [10] A.Y. Abdallah, Uniform exponential attractors for first order non-autonomous lattice dynamical systems, *Journal of Differential Equations*, **2011**, **251(6)**, pp. **1489–1504**
- [11] A.Y. Abdallah, Uniform global attractors for first order non-autonomous lattice dynamical systems, *Proceedings of the American Mathematical Society*, **2010**, **138(9)**, pp. **3219–3228**
- [12] A.Y. Abdallah Exponential attractors for second order lattice dynamical systems, *Communications on Pure and Applied Analysis*, **2009**, **8(3)**, pp. **803–813**
- [13] A.Y. Abdallah, Long-time behavior for second order lattice dynamical systems, *Acta Applicandae Mathematicae*, **2009**, **106(1)**, pp. **47–59**
- [14] A.Y. Abdallah, Exponential attractors for first-order lattice dynamical systems, *Journal of Mathematical Analysis and Applications*, **2008**, **339(1)**, pp. **217–224**
- [15] A.Y. Abdallah, Exponential attractor for a nonlinear Boussinesq equation, *Acta Mathematicae Applicatae Sinica*, **2006**, **22(3)**, pp. **443–450**
- [16] A.Y. Abdallah, Asymptotic behavior of the Klein-Gordon-Schrödinger lattice dynamical systems, *Communications on Pure and Applied Analysis*, **2006**, **5(1)**, pp. **55–69**
- [17] A.Y. Abdallah, Upper semicontinuity of the attractor for lattice dynamical systems of partly dissipative reaction diffusion systems, *Journal of Applied Mathematics*, **2005**, **2005(3)**, pp. **273–288**
- [18] A.Y. Abdallah, Global attractor for the lattice dynamical system of a nonlinear Boussinesq equation, *Abstract and Applied Analysis*, **2005**, **2005(6)**, pp. **655–671**
- [19] A.Y. Abdallah, Upper semicontinuity of the attractor for a second order lattice dynamical system, *Discrete and Continuous Dynamical Systems - Series B*, **2005**, **5(4)**, pp. **899–916**

Most recent professional development activities

Presented many seminars about asymptotic behavior of different types of lattice dynamical systems.
 ABET committee member.
 Prepared many computerized student exams for different courses.
 See service activities above.