

JADALLAH "M. JAWDAT" ABDALLAH REZQALLAH

PERSONAL INFORMATION

Title: Doctor

Academic Rank: Assistant Professor

Date & Place of Birth:

Nationality: Jordanian

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JORDAN.

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
PhD	Mathematics	7\2008 - 9\2013	The National University of Malaysia, UKM	Malaysia
Master	Mathematics	9\1997 - 8\2000	University of Jordan	Jordan
B.Sc	Mathematics	9\1993 - 6\1997	Yarmouk University	Jordan

TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
9\2018 – present	Assistant Professor	Middle East University	Department of Basic Science / Faculty of Art and Sciences	Jordan
8\2015 – 1\2018	Assistant Professor	University of Tabuk, University College-Umuluj	Department of Mathematics/ Faculty of Science	Saudi Arabia
3\2014 - 8\2015	Assistant Professor	Philadelphia University	Department of Basic Sciences and Mathematics/ Faculty of Science	Jordan
10\2001 - 7\2009	Full Time Lecturer	Al al-Bayt University	Department of Mathematics/ Faculty of Science	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
9\2014 - 8\2015	Head of the Department/ Assistant Professor	Philadelphia University	Department of Basic Sciences and Mathematics/ Faculty of Science	Jordan
9\2020 -	Head of the Department/ Assistant Professor	Middle East University	Department of Basic Science / Faculty of Arts Sciences	Jordan

PUBLICATIONS

JOURNALS

V.K. Gupta, A.K. Singh, B.S. Bhadauria, I. Hashim and J.M. Jawdat, 2016, **Chaotic convection in couple stress liquid saturated porous layer.** International Journal of Industrial Mathematics. 8 (2) 147-156.

V.K. Gupta, B.S. Bhadauria, I. Hashim, J. Jawdat and A.K. Singh, 2015, **Chaotic convection in a rotating fluid layer.** Alexandria Engineering Journal. 54, 981-992.

J.M. Jawdat, I. Hashim, B.S. Bhadauria and S. Momani, 2014, **On onset of chaotic convection in couple-stress fluids.** Mathematical Modelling and Analysis. 19 (3) 359-370.

J.M. Jawdat, S. Momani and I. Hashim, 2014, **Inhibition or enhancement of chaotic convection via inclined magnetic field.** Applied Mathematical Modeling. 38 (11-12) 2996-3002.

J.M. Jawdat , I. Hashim and S. Momani, 2012, **Dynamical system analysis of thermal convection in a horizontal layer of nanofluids heated from below.** Mathematical Problems in Engineering, Volume 2012, Article ID 128943.

J.M. Jawdat and I. Hashim, 2010, **Low Prandtl number chaotic convection in porous media with uniform internal heat generation.** Int. Comm. Heat Mass Trans. 37 (6) 629-636.

CONFERENCES

J.M. Jawdat, 2014, **Effect of nanoparticle volume fraction on chaotic convection in a horizontal layer nanofluids heated from below.** International Arab Conference on Mathematics and Computations. Jordan.

K. Moaddy, A. Radwan, J.M. Jawdat and I. Hashim, 2013, **Bifurcation behaviour and control on chaotic convection of Nanofluids with fractional order.** Recent Advances in Mathematical Methods and Computational Techniques in Modern Science. Japan.

J.M. Jawdat and I. Hashim, 2011, **Inclined magnetic Field effects on chaotic convection for moderate Prandtl number.** 2nd International Conference on Advanced Science, Engineering and Information Technology. Malaysia.

J.M. Jawdat and I. Hashim, 2010, **Moderate Vadasz number chaotic convection in porous media with moderate internal heat generation.** 1st Regional Conference on Applied and Engineering Mathematics. Malaysia.

Jadallah Jawdat and Ishak Hashim, 2009, **Low Prandtl number chaotic convection in porous media with weak internal heat generation.** Prosiding Seminar Sehari Matematik Komputeran 2009. Malaysia.

UNIVERSITY COMMITTEES

- Academic Guidance Committee.
- Examinations Committee.
- Scientific Committee.
- Quality Assurance Committee.
- Course Equivalence Committee.

WORKSHOPS ATTENDED

- Building university tests.
- Employment of technology in teaching.
- Communication skills in the educational situation.
- Academic Advising.
- E-Learning.
- Quality assurance standards.
- Scientific research: ethics, publication, funding, research teams.
- Preparation of research and scientific studies for publication in scientific journals.
- Research publication in the Scopus database.
- Statistical reading and quantitative analysis (SPSS).
- Moodle activation mechanisms in the educational process.
- Design and manage electronic assignments and short exams.

WORKSHOPS OFFERED

- Prepare for tests.

RESEARCH INTERESTS

- Applied Mathematics.
- Dynamical system.
- Chaotic system.

LANGUAGES

- Arabic (mother tongue).
- English.

REFERENCES

Name	Institution	Email
Prof. Shaher Momani	University of Jordan-Jordan	s.momani@ju.edu.jo
Prof. Mowaffaq Hajja	Philadelphia University- Jordan	mowhajja@yahoo.com
Dr. Maarouf Samhan	Philadelphia University- Jordan	msamhan@philadelphia.edu.jo
Dr. Khaled Hyasat	Philadelphia University- Jordan	k_hyasat@philadelphia.edu.jo