CURRICULUM VITAE

Issam M. Abu-Irwaq

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PERSONAL INFORMATION:

- Marital Status: Married
- Nationality: Jordanian
- Place Of Birth: Irbid – Jordan

ACADEMIC OF QUALIFICATIONS:

- M.Sc. in Mathematics from Carleton University (Canada) in 2001.
  (Language of study is English).
- B.Sc. in Applied Mathematics from Jordan University of Science and Technology (Jordan) in 1998 and general rank of First
  (Language of study is English).

PROFESSIONAL EXPERIENCE:

- 02/2012 – Present: Mathematics Instructor at Jordan University of Science and Technology (Irbid /Jordan)
  (Courses: PreCalculus, Calculus I, Calculus II, Calculus for Biological Sciences, Linear Algebra, Principles of Statistics, Probability and Statistics for Computer Sciences, Probability and Statistics for Engineering Students, Computer Mathematical Applications, Discrete Mathematics)
- 09/2009 – 02/2012: Full-time Lecturer at Jordan University of Science and Technology (Irbid /Jordan)
  (Courses: PreCalculus, Calculus I, Calculus II, Calculus for Biological Sciences, Principles of Statistics, Probability and Statistics for Computer Sciences, Probability and Statistics for Engineering Students, Computer Mathematical Applications, Discrete Mathematics)

- 2005 – 2009: Lecturer at Emirates College of Technology (Abu Dhabi/ UAE) (Courses: Business Mathematics I, Business Mathematics II, Business Statistics)
- 2003- 2005: Part time lecturer at Jordan University of Science and Technology / Department of Mathematic and Statistics (Irbid/ Jordan) (Courses: Introduction to Statistics, Calculus I, Calculus II, Ordinary Differential Equations)
- 2000-2003: Teaching and Research Assistant at Carleton University (Ottawa/ Canada). (Courses: Calculus, Differential Equations, Algebra and Geometry, Linear Algebra and Mathematical Methods)
- 1998- 1999: Teaching and Research Assistant at Jordan University of Science and Technology with Department of Mathematics and Statistics.

COMPUTER SKILLS:

- <u>Operating Systems:</u> UNIX, DOS, Windows 7, 10.
- <u>Mathematical and Statistical Software:</u> Matlab ,Maple, Mathematica , Minitab, SPSS, Lindo)
- <u>Typesetting Software:</u> LaTeX (MikTex), Scientific Workplace.
- <u>Computer Applications:</u> MS Office 2013 (Word, Excel, PowerPoint, Access), (Adobe Photoshop)
- <u>Computer Maintenance Certificate</u>
- <u>ICDL Certificate</u>

HONORS AND AWARDS:

- Appreciation Certificate in the process of new academic program development at the Emirates College of Technology (U.A.E)
- Graduate Scholarship, School of Mathematics and Statistics, Carleton University (CANADA)
- Ranked number one among all graduating students, Department of Mathematics and statistics, Jordan University of Science and Technology (JORDAN)

CHARACTERISTICS & SPECIAL INFORMATION:

Good dealing with people, team work, reliable, open minded, hard working and high ability to learn new skills quickly and easily.

LANGUAGES

- **Arabic:** Mother tongue
- **English:** Excellent

PUBLICATIONS:

1. Kamel Al-Khaled, Issam Abu-Irwaq , Computational Sinc-scheme for extracting analytical solution for the model Kuramoto-Sivashinsky equation, International Journal of Electrical and Computer Engineering (IJECE) 9, 3720 (2019)

2. Issam Abu-Irwaq, Wasfi Shatanawi, Anwar Bataihah and Inam Nuseir, Fixed Point Results For Nonlinear Contractions With Generalized Omega-Distance Mappings, U.P.B. Sci. Bull., Series , 81(1), p. 57-64 (2019)

3. Issam Abu Irwaq, Marwan Alquran, Imad Jaradat, Dumitru Baleanu, New dual-mode Kadomtsev–Petviashvili model with strong–weak surface tension: analysis and application, Advances in Difference Equations, 2018:1, p. 433 (2018)

4. Issam Abu-Irwaq, Inam Nuseir, Anwar Bataihah, Common Fixed Point Theorems in G-metric Spaces with Omega -distance, Journal of Mathematical Analysis, 8(1), p. 120-129 (2017)

5. Inam Nuseir, Wasfi Shatanawi, Issam Abu-Irwaq, Anwar Bataihah, Nonlinear contractions and fixed point theorems with modified Omega-distance mappings in complete quasi metric spaces, Journal of Nonlinear Sciences and Applications, 10(10) , p. 5342-5350 (2017)

6. Sunny Chauhan, Wasfi Shatanawi, Stojan Radenović, Issam Abu-Irwaq, Variants of sub-sequentially continuous mappings and integral-type fixed point results, Rendiconti del Circolo Matematico di Palermo, 63(1), p. 53-72 (2014)

7. Qutaibeh Katatbeh, Issam Abu-Irwaq, Marwan Alquran, Aminah Qawasmeh, Solitary wave solutions to time-fractional coupled degenerate Hamiltonian equations, International Journal of Pure and Applied Mathematics, 93(3), p 377-387 (2014)

8. Issam Abu-Irwaq, Soliton solutions of Degasperis-Procesi equation and a modified KdV equation by the sine-cosine method, Journal of Mathematical and Computational Science 3 (6), 1382-1388 (2013)

9. Mohammad Al-Dolat, Mohammad Ali, Issam Abu-Irwaq, Numerical radius inequalities for the Cartesian decomposition of bounded linear operators in Hilbert spaces, Journal of Mathematical and Computational Science 3 (4), 985-992 (2013)

REFERENCES:

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