

Ishraq Al-Awamleh

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EDUCATION

Doctor of Philosophy, Mathematics, Department of Mathematical Sciences, New Mexico State University, NM, USA, 2017 – Expected 2022.

Dissertation title: An Analysis of Some Nonlinear Partial Differential Equations Arising in Game Theory.

Advisor: Robert Smits

Master of Mathematics, Mathematics, Department of Mathematical Sciences, New Mexico State University, NM, USA, 2017.

Bachelor of Science, Mathematics, Department of Mathematics and Statistics, Al-Hussein bin Talal University, Ma'an, Jordan, 2010.

Master of Art and Science, Teaching Mathematics, Department of Mathematics, University of Texas at El Paso, Texas, USA, 2005.

Bachelor of Science, Chemical Engineering, Department of Chemical Engineering, University of Technology, Baghdad, Iraq, 2002.

ACADEMIC/TEACHING EXPERIENCE

Graduate Assistant, Mathematics, Department of Mathematical Sciences, New Mexico State University, NM, USA, 2015 - now.

Teaching Assistant, Department of Mathematical Sciences, University of Texas at El Paso, Texas, USA, 2002-2005.

Part Time Lecturer, Department of Mathematical Sciences, Al-Hussein Bin Talal University, Ma'an, Jordan, Spring and summer 2006.

RESEARCH INTERESTS

Stochastic Process, Non-linear Partial Differential Equations, Mathematics Education, Statistics, and Visual Assisted Pedagogy.

Courses Taught

At New Mexico State University, Las Cruces, NM:

- Introduction to Statistics (**Online**) (**Fall 2021**)
- Calculus II (**Online**) (**Fall 2020**)
- Calculus I (**Spring 2020, (Online) Summer 2020, (Online) Spring 2021**)
- Pre-Calculus and Trigonometry functions (**Spring 2018**)
- College Algebra (**Spring 2017, Fall 2018, Summer 2019, Fall 2019**)
- Intermediate Algebra (**Fall 2016**)

At Al-Hussein Bin Talal University, Jordan:

- Discrete Mathematical Structures (**Summer 2006**)
- Mathematics for Classroom Teachers 1 and 2 (**Spring 2006**)

Course Development

At New Mexico State University, Las Cruces, NM:

- Quantitative Foundation (**Summer 2018**)
- Math Placement Exams (**Summer 2017**)

Programming Skills

- Matlab
- R Programming Language

Technical Papers and CONFERENCES

1. **Ishraq Al-Awamleh** "*Al Mkni fi 'l-jabr wa 'l-muqābala* Exposition of Algebraic Operations by *Ibn Al-Ha'im*" In MathFest, July 26-29, 2017, Chicago, IL.
2. **Ishraq Al-Awamleh** "*Al Mkni fi 'l-jabr wa 'l-muqābala* Exposition of Algebraic Operations by *Ibn Al-Ha'im*" In MathFest, August 3-6, 2016, Columbus, OH.
3. The Inquiry-Based Learning (IBL) Forum and 19th Annual R.L. Moore Conference, "Expanding IBL throughout Higher Education", August 4, 2016, Columbus, OH.
4. Fares Fraij, Mahmoud Al-Quraan, Victor Winter, Arafat Awajan and **Ishraq Al-Awamleh**. "Software-Assisted Pedagogy for a Mathematics Course." In Proceedings of the International Conference On Excellence In Education 2009: Future Minds and Creativity, Ulm, Germany, 2009
5. **Ishraq Al-Awamleh (Graduate Research with Hamida Dogan)**. "Analysis of student responses on linear algebra questions to document the effect of a set of visual representations. " Department of Mathematics, University of Texas at El Paso, Texas, USA, 2005.

REFERENCES: Will be provided upon request