Khaleel Anaya

Curriculum Vitae

Personal Information

- Full Name: Khaleel Ibrahim Khaleel Anaya.
- Place and Date of Birth: Nablus, Palestine, Dec. 1, 1992.
- Nationality: Palestanian.
- Permanent Address: Azzoun, Qalqilia, Palestine.
- Phone: +970597173042.
- Email: khalil.anaya1@gmail.com.
- Marital status: Married (with two children).

Education

September, 2017–May, 2021 **Ph.D. in Mathematics**, *King Fahd University of Petroleum and Minerals (KFUPM)*, GPA: 3.65 (Excellent).

January, 2015–June, 2017 **Master of Science in Mathematics**, *King Fahd University of Petroleum and Minerals*, GPA: 3.875 (Excellent).

September, 2010–July, 2013 **Bachelor of Mathematics**, *An-Najah National University*, GPA: 3.84 (Excellent).

September, 2009–July, 2010 **General Examination Board of Palestine- Tawjihi**, *Percentage: 97.7.*

Ph.D. Thesis

Field: Analysis of Partial Differential Equations, Numerical Analysis.
Title: Decay Rates of Some Weakly Dissipative Wave Equations, Theory and Numerics.
Advisors: Dr. Kassem Mustapha and Dr. Salim Messaudi.

Master Thesis

Field: Differential Geometry.
Tilte: Optimal Systems and Invariant Solutions of the Wave Equation on Spherically Symmetric Spacetimes Admitting the Isometry Groups G_7.
Advisors: Dr. Ahmad Al-Dweik and Dr. Hassan Azad.

Work Experience

September, 2017–April, 2020 **Teacher of Mathematics**, *KFUPM*, Dhahran, Saudi Arabia.

September, 2014–December, 2014 **Teacher of Mathematics**, *Azzoun Secondary Boys' School*, Azzoun, Qalqilia, Palestine.

September, 2013–June, 2014 **Teacher of Mathematics**, *Abdullah Ibn Abbas School*, Qalqilia, Palestine.

Research Interests

- Partial Differential Equations: Existence, Uniqueness and the Decay of the Solution.
- Numerical Analysis for Partial Differential Equations.
- Integro-Partial Differential Equations: Existence, Uniqueness and the Decay of the Solution.
- Applied Functional Analysis: Sobolev Spaces.
- Symmetry Methods for Solving Differential Equations.

Funded Projects

- Project SB191003: Numerical Solution of a Viscoelastic Plate Problem, jointly with Dr. Kassem Mustapha.
- Project IN151011: Symmetry Analysis of Wave Equation on Physically Significant Spacetimes, jointly with Dr. Ahmad Al-dweik.
- Project IN171004: Decay Rate of Some Viscoelastic Problems, jointly with Dr. Salim Messaudi.
- Project IN173002: Blow Up of Some Wave Equations, jointly with Dr. Mohammad Al-Gharabla.

Confrences and Workshops

- Partial Differential Equations, Theory and Applications Conference, KFUPM, 2019.
- Fractional Partial Differential Equations and its Applications on Control Theory Workshop, KFUPM, 2018.
- Fixed Point Theory and Applications Conference, KFUPM, 2018.
- Graph Theory and its Applications Conference, KFUPM, 2017.

Publications

- Azad, H., Anaya, K., Al-Dweik, A. Y., & Mustafa, M. T. (2018). Invariant solutions of the wave equation on static spherically symmetric spacetimes admitting G7 isometry algebra. Symmetry, 10(12), 665.
- Anaya, Khaleel, Salim A. Messaoudi, and Kassem Mustapha. "Decay rate of a weakly dissipative viscoelastic plate equation with infinite memory." Arabian Journal of Mathematics (2020): 1-9.
- Anaya, Khaleel, and Salim A. Messaoudi. "General decay rate of a weakly dissipative viscoelastic equation with a general damping." Opuscula Mathematica 40, no. 6 (2020): 647-666.
- Anaya, K., Messaoudi, S., & Mustapha, K. (2020). Decay rate of a weakly dissipative viscoelastic plate equation with infinite memory. Submitted.
- Soh, E., Cyril D., & Anaya, K. (2020). A general and optimal decay result for a viscoelastic equation with a strong time dependent delay. Submitted.
- Soh, E., Anaya, K. & Salim A. Messaoudi. (2020). Existence and stability result for a thermoelastic plate problem. Submitted.

Skills

- Language Skills: Native speaker in Arabic and excellent in English.
- Good command of Microsoft OfficeTM tools, MATLAB, Maple and Latex.
- Able to work to tight deadlines.
- Excellent communication skills in both written and verbal.
- Effective group working.
- Ability to produce good results under pressure.

- Quick learner, keen to learn and improve skills.
- Excellent research skills.
- Ability to take responsibility, lead.
- Encouraging attitude with a strong capability of inspiring others.
- Ability to take a constructive criticism in a good manner.

Training and Courses

- Methods in Teaching Mathematics, 2013.
- Classroom Environment Management,2014.
- Measurement and Evaluation Methods,2015.
- MATLAB Course, 2016.
- Latex Course, 2016.

References

- Prof. Kassem Mustapha, Math. Dept., KFUPM, E-mail: kassem@kfupm.edu.sa.
- Prof. Salim Messaoudi, Math. Dept., Sharjah. E-mail: smessaoudi@sharjah.ac.ae.
- Prof. Khalid Furati, Math. Dept., KFUPM. E-mail: kmfurati@kfupm.edu.sa.