

ABDALLAH BANIKHALID



CONTACTS

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📍 Riyadh
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SKILLS

- Communication
- Patience
- Empathy
- Problem-solving
- Positive attitude
- Latex
- Matlab
- Microsoft Word
- Mathematica

LANGUAGES

ENGLISH Proficient
ARABIC Native

SUMMARY

Dedicated Mathematics Lecturer and researcher with experience teaching undergraduate mathematics courses, including Calculus, Linear Algebra, Differential Equations, and Statistics. Research interests include Soliton Theory, Mathematical Modeling, and Applied Mathematics, supported by published research and additional manuscripts under review in reputable journals.

EXPERIENCE

AI-Supported Educational Platform Contributor, King Saud University, Riyadh, Saudi Arabia

May 2026 — Current

- Contributed to developing an AI-supported educational platform focused on statistics learning & academic support.
- Prepared and structured mathematical content for use in interactive learning and AI-assisted educational workflows.
- Reviewed mathematical explanations and problem-solving content to support accuracy, clarity, and suitability for students.

Mathematics Lecturer, King Saud University, Riyadh, Saudi Arabia

Aug 2023 — Current

Teaching undergraduate mathematics courses including:

- Calculus
- Differential Equations
- Linear Algebra
- Discrete Mathematics
- Statistics

EDUCATION

Master of Science in Mathematics, Jordan University of Science and Technology, Jordan

Oct 2021 — Aug 2023

GPA: Excellent.

Bachelor of Science in Mathematics, Jordan University of Science and Technology, Jordan

Sep 2017 — Jul 2021

GPA: Very good.

ACHIEVEMENTS

Led a team of students in a Mind Mapping Competition, where our team won an award.

RESEARCH INTERESTS

- Differential Equations
- Soliton Theory
- Applied Mathematics
- Mathematical Modeling

PUBLICATION

M. Ali, M. Alquran, **A. BaniKhalid**, Symmetric and asymmetric binary-solitons to the generalized two-mode KdV equation: Novel findings for arbitrary nonlinearity and dispersion parameters, Results in Physics, 45 (2023), 106250.