

Fatimah Ahmed Ahmed Elbiyalý

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PhD Researcher at Mansoura University

Education:

- 2019 – Present: PhD Researcher, Mathematics Engineering Dept., Mansoura University, Mansoura, Egypt.
 - Postgraduate semester: Excellent, 95%
 - Courses: Exact solution methods of Ordinary differential equations, Differential equations and advanced differences, Symmetry Analysis of Partial Differential, Integral equations, Numerical analysis of Partial Differential equations, Partial
- Oct 2012- Aug 2017: M.E., Mathematics Engineering Dept., Mansoura University, Mansoura, Egypt.
 - Advisor: Dr. Mohamed Soror and Dr. Ahmad EL-Said.
 - Dissertation: Symmetry Analysis of Some Nonlinear Partial Differential Equations.
 - Second Premaster Courses: Good, 79.5%.
 - Second Graduate Courses: Approximation Theory, MATLAB Application, Advanced Numerical, real analysis, MATLAB Course and Operation Research.
 - Frist Premaster Courses: Good, 79.4%.
 - Frist Graduate Courses: Numerical, Linear Algebra, Complex Analysis, Functional analysis, Abstract Algebra, Mathematical Physics, Analytical Mechanics and Probability.
- Sept 2007 - Jul 2012: B.Cs., Electrical Engineering Dept., Mansoura University, Mansoura, Egypt.
 - Final Grade: V. Good with honors, 80.37%.
 - Graduation project: Study of flow electrification phenomenon in power transformer electrical and mathematical modeling, grade: Excellent.

Teaching Experience:

- 2013- 2015: Demonstrator, Mathematics Engineering Dept., Mansoura University, Mansoura, Egypt.
- 2015- 2017: Demonstrator, Basic Science Dept., Higher Mansoura institute of engineering and technology, Mansoura, Egypt.
- 2017- Present: Assistant lecturer, Higher Mansoura institute of engineering and technology, Mansoura, Egypt.
 - Teaching Courses: Complex analysis, Ordinary differential equations, Calculus of Several functions, Special function and Fourier series, Numerical analysis, Algebra, Calculus of differentiation, Analytic Geometry and Mechanics.
 - Sharing in control affairs.
 - Sharing in Quality and Accreditation affairs.

Publications:

- A. H. Abdel Kader, M. S. Abdel Latif, F. El Bialy and A. Elsaid, Symmetry analysis and some new exact solutions of some nonlinear KdV-like equations, Asian-European Journal of Mathematics, Volume 11, Number 1, (2017). PP.12.
- F. El-Bialy, M.S. Abdel Latif, A. Elsaid, Symmetry analysis and some new exact 2 solutions of the (2+1)-dimensional 3 burgers equations, Acta Physica Polonica b, Volume 48, Number 11, (2017). PP.13.

Honors and Awards:

- Sept 2007 - Jul 2012: Fellowship, Faculty of Engineering, Mansoura University, Mansoura, Egypt.

Language Skills:

- Arabic (Mather language).
- English (IELTS 5.5, TOFEL ITP 587).

Professional memberships:

- 2012-present: Egyptian Engineers Syndicate.