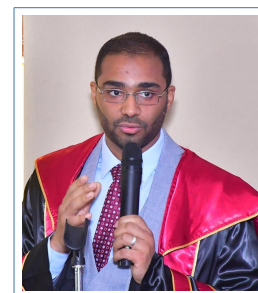


Ali Mohammed Youssef

Curriculum Vitae



Personal Data

Full Name **Ali Mohammed Youssef Ahmed**
Nationality Egyptian
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Date of Birth 17 Sept. 1994
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Research Gate [Please Click Here](#)
YouTube Chanel [Please Click Here](#)
Linked [Please Click Here](#)

Research Interest

Higher Transcendental Functions, Fractional Calculus, Fractional Differential Equations, Complex Analysis, Hyper-Complex Analysis, Several Complex Analysis, Univalent functions, Boundary Value Problems, Numerical Analysis.

Scopus Informations

Scopus ID	No. of articles in Scopus	Citations in Scopus	h-index in Scopus
57219533618	3	13	3

Work Experience

April 2022 - to date Teaching Assistant at Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt.
Dec 2016 - April 2022 Instructor at Mathematics Department, Faculty of Science, Sohag University, Sohag, Egypt.

Teaching (Undergraduate Courses)

Calculus I, II, Ordinary Differential Equations, Partial Differential Equations, Probability, Special Functions, Algebra, Linear Algebra, Complex Analysis, Real Analysis, Functional Analysis, Mathematical Methods.

Education

2020-2021 **Master Degree in Science "Mathematics"**, *Sohag University, Sohag, Egypt*

2018-2019 **Pre-Master of Science in Mathematics**, *Sohag University, Sohag, Egypt*

2012-2016 **Bachelor's Degree of Science (Major: Mathematics, excellent with honor degree)**, *Sohag University, Sohag, Egypt*

Master Thesis

Title *Advanced Studies on some Higher Transcendental Functions with some Applications*

Supervisors Prof. Mahmoud A. Abul-Ez, Prof. Zenhom G. Kishka, Dr. Mohammed A. Seleem.

Publications

1. Mahmoud Abul-Ez, Mohra Zayed, **Ali Youssef** and M. De la Sen. *On conformable fractional Legendre polynomials and their convergence properties with applications*. Alexandria Engineering Journal, vol. **59**(6), pp. 5231-5245, 2020. doi: 10.1016/j.aej.2020.09.052.
2. Mahmoud Abul-Ez, Mohra Zayed and **Ali Youssef** *Further study on the conformable fractional Gauss hypergeometric function*. Aims Mathematics, vol. **6**(9), pp. 10130-10163, 2021. doi: 10.3934/math.2021588.
3. Mahmoud Abul-Ez, Mohra Zayed and **Ali Youssef**. *Further Developments of Bessel Functions via Conformable Calculus with Applications*. Journal of Function Spaces, vol. **2021**, Article ID 6069201, 17 pages, 2021. doi:10.1155/2021/6069201.
4. Mahmoud Abul-Ez, Zenhom Kishka, **Ali Youssef***, and Mohammed Saleem. *A New Generalized Bessel Functions and Solutions of a New Class of Fractional Kinetic Equations*. submitted for publication.

Awards

2019 I was awarded the best website at Sohag University Prize in 2019.

Conferences

1. 7th Scientific Conference (2nd International) for Young Researchers Organized by Sohag University on March, 2-3, **2022**.
2. 1st International Alumni's Mathematics UET Conference, organized by the Alumnus of Mathematics UET Lahore-Pakistan held on 26 February **2022**.
3. The expert lecture on "National Mathematics Day" held on 22 Dec **2021** at Anand International College of Engineering, Jaipur, India , (Online).
4. Online International Workshop on "Modern Mathematical Methods and High-Performance Computing in Science & Engineering" held on November 23-24, **2021**, India.
5. International Symposium on Recent Advances in Fractional Calculus, 30 Sep, 1 Oct **2021**, Department of Mathematical Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, Gujarat, India , (Online).
6. International Conference on Applied Mathematics in Engineering (ICAME) September 1- 3, **2021**, Balikesir, Turkey (Online).
7. Symposium on Special Functions , Orthogonal Polynomials and their applications, **2021**, Suez

University, Egypt.

8. First online conference on modern fractional calculus and its applications, **2020**, Alexandria University, Egypt.

Languages

Arabic Native
English Very Good

Computer Skills

Intermediate Fortran
Expert Latex, Maple, Matlab, Mathematica
Miscellaneous Windows, MS.Office

Social skills

1. I participated in a research project as Co-Researcher in The Academy of Scientific Research and Technology, Egypt, under Science UP grant No. (6479), 2020.
2. During the outbreak of the Covid-19, I was in constant contact with students and created a YouTube channel to help students in this difficult period and be in constant contact with them.

REFERENCES

[Prof. Dr. Ibrahim A. Abbas](#)

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