



Dr. Zainab Esa Abdulnaby

Curriculum Vitae

Personal Information

Full Name Zainab Esa Abdulnaby
Family Name Al-Rahj
Date of Birth 22th Feb, 1978
Gender Female
Nationality Iraqi
Address Department of Mathematics, College of Science, Al-Mustansiriyah University, Baghdad, Iraq
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Education

2014–2017 **Doctor of Philosophy (PhD)**
Field of Study Mathematics (Geometric Function Theory, Functional Analysis)
Name of University Universiti Putra Malaysia (UPM), Selangor, Malaysia
Supervisor Prof. Dr. Adem Kilicman
Thesis Entitled Certain Fractional Operators and Their Application on Spaces of Analytic and Univalent Functions
2006–2008 **Masters Degree (M.Sc)**
Field of Study Approximation Theory
Name of University College of Education, AL- Mustansiriyah University, Baghdad, Iraq
1998–2002 **Bachelor Degree (B.Sc)**
Field of Study Mathematics
Name of University College of Education Ibn al-Haytham, Baghdad University, Baghdad, Iraq

Experience

Academic

2002–Present Teaching Experience on Department of Mathematics, College of Science, Al-Mustansiriyah University, Baghdad, Iraq

Courses Taught Functional Analysis, Complex Analysis

Languages

Arabic (Mothertongue), English

Award

2016 Gold Medal, *PRPi16*, University Putra Malaysia.

Publications

- 1 Zainab Esa Abdulnaby, Rabha W. Ibrahim and Adem Kilicman (2016). Some properties for integro-differential operator defined by a fractional formal. *SpringerPlus*, 5(1): 1-9. ISI Journal, Impact Factor = 0.982, Q2.
- 2 Zainab Esa Abdulnaby, H. M. Srivastava, Adem Kilicman and Rabha W. Ibrahim (2017). A novel subclass of analytic functions specified by a family of fractional derivatives in the complex domain. *Filomat*, 31(9): 2837-2849. ISI Journal, Impact Factor = 0.603, Q3.
- 3 Rabha W. Ibrahim, Adem Kilicman and Zainab Esa Abdulnaby (2017). Boundedness of fractional differential operator in complex spaces. *Asian-European Journal of Mathematics (AEJM)*, 10(3): 1-12. SCOPUS Journal.
- 4 Zainab Esa Abdulnaby, Adem Kilicman and Rabha W. Ibrahim (2016). Geometric properties for integro-differential operator involving the pre-Schwarzian derivative. *International Journal of Pure and Applied Mathematics*, 108(4): 781-790. SCOPUS Journal.
- 5 Adem Kilicman, Rabha W. Ibrahim and Zainab Esa Abdulnaby (2016). On a generalized fractional integral operator in a complex domain. *Applied Mathematics & Information Sciences*, 10(3): 1053-1059. SCOPUS Journal.
- 6 Adem Kilicman, Rabha W. Ibrahim and Zainab Esa Abdulnaby (2016). Upper bound of fractional differential operator related to univalent functions. *Mathematical Sciences*, 10(4): 167-175. SCOPUS Journal.
- 7 Zainab Esa Abdulnaby, Rabha W. Ibrahim and Adem Kilicman (2016). On boundedness and compactness of a generalized Srivastava-Owa fractional derivative operator. *Journal of King Saud University-Science*. SCOPUS Journal.
- 8 Zainab Esa Abdulnaby, Adem Kilicman, Rabha W. Ibrahim, Mat Rofa Ismail and Sharifah Kartini Said Husain (2016). Application of modified complex Tremblay operator. In *Innovations through Mathematical and Statistical Research: Proceedings of the second International Conference on Mathematical Science and Statistics (ICMSS2016)*, Vol. 1739. No. 1. AIP Publishing. SCOPUS Journal.
- 9 Zainab Esa Abdulnaby, Rabha W. Ibrahim and Adem Kilicman (2017). Jack's lemma for certain subclasses of analytic functions defined by a new fractional linear operator. *Proceedings of the second International Conference and Workshop on Mathematical Analysis 2016 (ICWOMA2016)*. Vol. 1795, doi: 10.1063/1.4972164. AIP Publishing. SCOPUS Journal.

- 10 Sahib K. AL- Saidy, Zainab Esa Abdalnaby (2011), Approximation of Functions by Means of the Modulus $\tau(f, \Delta)_{p,\mu}$. *Journal of Qadisiyah Computer Science and Mathematics* , 3(2) : 1-11
- 11 Zainab Esa Abdalnaby (2013). The Strong Approximation by Linear Positive Operator in Terms of the Averaged Modulus of Order One. *Journal of university of Anbar for Pure science*, 2(7):

Conferences

- 2016 2nd International Conference and Workshop on Mathematical Analysis (ICWOMA 2016), 2-4 August 2016, Langkawi, Malaysia
- 2016 2nd International Conference on Mathematical Sciences and Statistics (ICMSS 2016), 26-28 January 2016, Kuala Lumpur, Selangor, Malaysia
- 2015 The Fundamental Science Congress, 12-13 November 2015, Faculty of Science, UPM, Selangor, Malaysia

Workshops

- 2017 4th International Workshop on Nonlinear and Modern Mathematical Physics (NMMP-2017), 4-5 May 2017, Putrajaya, Malaysia
- 2015 Workshop on Fuzzy Setting Theory, 11-12 February 2015, Universiti Putra Malaysia