





Andam Ali Mustafa

Date of birth: May 26, 1986

Nationality: Iraqi

Research Area: Numerical Analysis, and Analytic Number Theory

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Education:

Nov. 1, 2018 - Now	PhD student in Università Roma Tre, Rome, Italy.
Nov. 16, 2013 – Mar. 3, 2015	M.Sc. in Mathematics Department\College of Science\Salahaddin University-Erbil.
Sep. 1, 2004 – Jul. 5, 2009	B.Sc. in Mathematics Department\College of Science\Salahaddin University-Erbil. I was the second top student in my cycle.
Sep. 1, 2001 - Oct 30, 2004	Baccalaureate in Kurdistan height School, Erbil.

Employment History:

Mar. 31, 2015 - Now	I am an assistant lecturer at Mathematics Department\College of Science\Salahaddin University-Erbil.
Oct. 22, 2009 – Mar. 30, 2015	I was an assistant researcher at Mathematics Department\College of Science\Salahaddin University-Erbil.
Nov. 1, 2015 – Feb. 1, 2018	I was an assistant lecturer at Noble Private Institute\Erbil.
Sep. 6, 2016 – Oct. 3, 2018	I was director at Mathematics Department\College of Science\Salahaddin University-Erbil.
Sep. 2015 – Sep. 2017	I was a member of the final examination committee at Mathematics Department\College of Science\Salahaddin University-Erbil.

Publications:

2014	Laplace decomposition and Semigroup decomposition methods to solve Glycolysis system in one dimension, International Journal of Mathematical Engineering and Science (IJMES), Volume 3, Issue 2, (2014), 35-53.
2015	Homotopy Analysis Method to solve Glycolysis system in one dimension, Zanko journal of pure and applied Sciences, Vol. 17, No.2, (2015).

2017	Numerical Solution of Fisher–KPP Equation by Using Reduced Differential Transform Method and Comparison with Wave Solution, 6 th International Conference and Workshops on Basic and Applied Sciences AIP Conf. Proc. 1888, 020045-1–020045-11 (2017).
2018	I wrote a Scriba with Amir Akbary on the title Value-distribution of cubic L-function.
2019	I wrote a Scriba with Florian Luca on the title Coordinates of Pell equations in various sequences
2021	Density of the "quasi r-rank Artin problem", <i>Functiones et Approximatio, Commentarii Mathematici</i> 65(1), 73–93.
2022	Divisibility of reduction in groups of rational numbers, Manuscript submitted for publication.

Local Organized:

Mar. 12-17, 2017	Local organized in CIMPA – West Asia Mathematical School, under title “Local Topics in algebraic number theory and Diophantine approximation”, at Mathematics Department\College of Science\Salahaddin University-Erbil.
Mar. 18-19, 2017	IT team Committee in 6 th International Conference and Workshop on Basic and Applied, at Mathematics Department\College of Science\Salahaddin University-Erbil.
Sep. 13-16, 2021	Organized member in PWF second summer school on Particle Physics and Cosmology, at Salahaddin University-Erbil.
Oct. 7 - 8, 2021	Organized member in On-line activities to prepare for a pair of WAMS school in Kurdistan, Iraq, which is about topics in Algebraic Number Theory at Salahaddin University-Erbil.

Participated in:

Nov. 14-18, 2009	Participated in the first Iraqi-French Mathematics Conference cooperation with Mathematics Department\College of Science\Salahaddin University-Erbil.
Oct 11-12, 2015	Attended in the first Swedish-Kurdish workshop in Educational Aspects of Applied and industrial Mathematics, which is organized by University of Zakho and Lund University.
Dec. 20-30, 2015	Participated in CIMPA – West Asia Mathematical School – Kurdistan Region, under titled “Boundary value problems and approximations, organized by Mathematics Department\College of Science\Salahaddin University-Erbil.

Dec. 18-29, 2016	Participated in CIMPA – West Asia Mathematical School – Kurdistan Region, under titled “Iterative methods for solving the boundary's Data reconstruction problem”, organized by Mathematics Department\College of Science\Salahaddin University-Erbil.
May 29 - Jun. 9, 2017	Participated in CIMPA-ICTP research school on Artin L-functions, Artin's primitive roots conjecture and applications Nesin Mathematics Village, Şirince, Turkey.
Jul. 1-13, 2017	Participated in WAMS research school Topics in Analytic and Transcendental Number Theory Institute for Advanced Studies in Basic Sciences (IASBS) Zanjan, Iran.
Apr. 16-17, 2018	Participated in Atelier PARI/GP 2018b Aula Urbano VIII, Argiletum, Via Madonna dei Monti 40, Università Roma Tre, Rome, Italy.
Apr. 18-20, 2018	Participated in The fourth mini symposium of The Roman number theory association in Aula Urbano VIII, Argiletum, Via Madonna dei Monti 40, Università Roma Tre, Rome, Italy.
May 21-25, 2018	Participated in Wams school on The mathematics of Artin's conjectures at Emil Artin International School in Mathematics for Students Yerevan State University, Yerevan, Armenia.
Apr. 8-9, 2019	Participated in Participated in Atelier PARI/GP 2019b Aula Urbano VIII, Argiletum, Via Madonna dei Monti 40, Università Roma Tre, Rome, Italy.
Apr. 10-12, 2019	Participated in the fifth mini symposium of the Roman Number Theory association in Aula Urbano VIII, Argiletum, Via Madonna dei Monti 40, Università Roma Tre, Rome,Italy.
Nov. 5, 2019	Participated in IEEE workshop 2019: researching, publishing, networking, which is hold at Roma Tre University, Engineering Department - Conference room.
Jan., 2020	I completed level B1 in academic English course at theUniversity Language Centre (CLA).
Jan., 2020	I reached level A2 in the Italian language course, that holds atthe University Language Centre (CLA).

Some of the subjects I Took:

Linear Algebra	Numerical Analysis	Analytic Number Theory	Integral equation
Abstract Algebra	Mathematical Analysis	Algebraic Number Theory	Finite Mathematics
Calculus I, II	Elementary Number Theory	Elliptic Cryptosystem	Complex Analysis
Topology	Differential equations	Graph Theory	Operation research

Some of the subjects I taught:

Numerical Analysis	Calculus I, II	Foundation of Mathematics	Matlab Lab
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Language Skills:

Mother tongue(s) : Kurdish

Other language(s)	Understanding		Speaking		Writing
	Listening	Reading	Spoken Interaction	Spoken Production	
English	B1	B1	B1	B1	B2
Arabic	C1	C1	B1	B1	B1

Computer Skills:

Matlab | Latex package | Maple | Mathematica | Microsoft Office | Pari GP

References

1. Francesco Pappalardi, Dipartimento di Matematica e Fisica, Università degli Studi Roma Tre, Phone: (39)-6-57338243, Fax: (39)-6-57338080, e-mail: pappa@mat.uniroma3.it.
2. Herish omer Abdullah, Mathematics Department\College of Science\Salahaddin University-Erbil, Phone: +964-750-4550470, e-mail herish.abdullah@su.edu.krd.
3. Michel Waldschmidt, Sorbonne Universit´e, Institut Math´ematique de Jussieu, Pone: + 33 (0)6 83 17 29 06, e-mail: michel.waldschmidt@imj-prg.fr.