



# Academic Curriculum Vitae


## Personal Information:


**Name:** Andam Ali Mustafa


**Date of birth:** May 26, 1986

**Nationality:** Iraqi.

**Research Area:** Analytic Number Theory. **Academic Title:** Lecturer.

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## Education:

Nov. 1, 2018 – Sep. 25, 2023	Ph.D. from Università Roma Tre in Rome, Italy.
Nov. 16, 2013 – Mar. 3, 2015	M.Sc. in the Mathematics Department, College of Science, Salahaddin University-Erbil.
Sep. 1, 2004 – Jul. 5, 2009	B.Sc. in the Mathematics Department, College of Science, Salahaddin University-Erbil. I placed as the second-best student in my cycle.
Sep. 1, 2001 - Oct 30, 2004	Baccalaureate at Kurdistan High School, Erbil.

## Employment:

Oct. 22 ,2022 - Now	I am a lecturer at the Mathematics Department, College of Science, Salahaddin University-Erbil.
Jun 9, 2024-Now	I am director of the programming and Bologna process in the College of Science, Salahaddin University-Erbil.
Jun 8, 2023 – Jun 8, 2024	I was a director of the pedagogy directorate in the ministry of higher education and scientific research in the Kurdistan region, Iraq.
Mar. 31, 2015 – Oct. 22 ,2022	I was an assistant lecturer at the Mathematics Department, College of Science, Salahaddin University-Erbil.
Oct. 22, 2009 – Mar. 30, 2015	I served as an assistant researcher at the 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 of the Mathematics Department, College of Science, Salahaddin University-Erbil.
Sep. 2015 – Sep. 2017	I was a member of the final examination committee at the College of Science, Salahaddin University-Erbil.

### Skills:

#### i) Language skills:

The mother language is Kurdish, while the other languages are as follows:

Other languages	Understanding		Speaking		Writing
	Listening	Reading	Spoken Interaction	Spoken Production	
English	C1	C1	C1	C1	B2
Arabic	B1	B1	B1	B1	B1
Italian	Simple Communication.				

#### ii) Information technology skills:

Microsoft Office | Latex | Matlab | Maple | Artificial intelligence (AI) | Data Analysis | Pari GP

### Teaching experience:

Numerical Analysis	Calculus I, II	Foundation of Mathematics	Matlab Lab
Linear Algebra	Computation of Mathematics	Complex Analysis	Algebra
Calculus Variation	Elementary Number theory	Introduction to Cryptography	Linear Algebra

### Research and publications:

2014	Rostam K. Saeed and Andam A. Mustafa, Laplace decomposition and Semigroup decomposition methods to solve Glycolysis system in one-dimension, <i>International Journal of Mathematical Engineering and Science (IJMES)</i> , Volume 3, Issue 2, (2014), 35-53.
2015	Rostam K. Saeed and Andam A. Mustafa, Homotopy Analysis Method to solve Glycolysis system in one dimension, <i>Zanko journal of pure and applied Sciences</i> , Vol. 17, No.2, (2015).
2017	Rostam K. Saeed and Andam A. Mustafa, Numerical Solution of Fisher–KPP Equation by Using Reduced Differential Transform Method and Comparison with Wave Solution, <i>6<sup>th</sup> International Conference and Workshops on Basic and Applied Sciences AIP Conf. Proc.</i> 1888, 020045-1–020045-11 (2017).

2018	I collaborated on a Scriba with Amir Akbary titled value-distribution of cubic L-function.
2019	Together with Florian Luca, I co-wrote a Scriba with the title coordinates of pell equations in various sequences.
2021	Abdullah Herish, Mustafa Andam Ali, Pappalardi Francesco, Density of the "quasi r-rank Artin problem", <i>Functiones et Approximatio, Commentarii Mathematici</i> 65(1), 73–93.
2023	Abdullah Herish, Mustafa Andam Ali, Pappalardi Francesco, Divisibility of reduction in groups of rational numbers II. <i>International Journal of Number Theory</i> , 1-14.

### Conferences, workshops and symposium:

#### i) Participated in:

Nov. 14-18, 2009	I participated in the first Iraqi-French Mathematics Conference in cooperation with the Mathematics Department, College of Science, Salahaddin University-Erbil.
Oct 11-12, 2015	I attended the first Swedish-Kurdish workshop on Educational Aspects of Applied and Industrial Mathematics, which was organized by the University of Zakho and Lund University.
Dec. 20-30, 2015	I participated in CIMPA – West Asia Mathematical School – Kurdistan Region, under the title "Boundary value problems and approximations", organized by the Mathematics Department, College of Science, Salahaddin University-Erbil.
Dec. 18-29, 2016	I participated in CIMPA – West Asia Mathematical School – Kurdistan Region, under the title "Iterative methods for solving the boundary's Data reconstruction problem", organized by the Mathematics Department, College of Science, Salahaddin University-Erbil.
May 29 - Jun. 9, 2017	I participated in the CIMPA-ICTP research school on Artin L-functions, Artin's primitive roots conjecture and applications in Nesin Mathematics Village, Şirince, Turkey.
Jul. 1-13, 2017	I participated in the WAMS research school on Topics in Analytic and Transcendental Number Theory at the Institute for Advanced Studies in Basic Sciences (IASBS) Zanjan, Iran.
Apr. 16-17, 2018	I participated in Atelier PARI/GP 2018b at Aula Urbano VIII, Argiletum, Via Madonna dei Monti 40, Università Roma Tre, Rome, Italy.
Apr. 18-20, 2018	I 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	I participated in the 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	I participated in Atelier PARI/GP 2019b at Aula Urbano VIII, Argiletum, Via Madonna dei Monti 40, Università Roma Tre, Rome, Italy.
Apr. 10-12, 2019	I 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	I participated in the IEEE workshop 2019: researching, publishing, and networking, which was held at Roma Tre University, Engineering Department-Conference Room.
Jan., 2020	I completed level B1 of an academic English course at the University Language Centre (CLA).
Jan., 2020	I reached level A2 in the Italian language course that is held at the University Language Centre (CLA).
May. 7-10, 2023	I was a section chair for the ICOWOBAS2023 conference at Tishk International University.
	<b>ii) Organized committee member:</b>
Mar. 12-17, 2017	Organizing committee member for CIMPA – West Asia Mathematical School, with the title "Local Topics in algebraic number theory and Diophantine approximation," at the Mathematics Department, College of Science, Salahaddin University-Erbil.
Mar. 18-19, 2017	I was an IT team member at the 6th International Conference and Workshop on Basic and Applied Science, at the Mathematics Department, College of Science, Salahaddin University-Erbil.
Sep. 13-16, 2021	Organizing committee member of PWF's second summer school on Particle Physics and Cosmology at Salahaddin University-Erbil.
Oct. 7 - 15, 2021	Organizing committee member of online activities to prepare for a pair of WAMS schools in Kurdistan, Iraq, which are about topics in Algebraic Number Theory at Salahaddin University-Erbil and Commutative Algebra at the University of Sulaimani.
Aug. 22-28, 2022	Organizing committee member of the WAMS research school on Topics in Algebraic Number Theory at Salahaddin University-Erbil.
Aug. 28 -Sep 2, 2022	Organizing committee member of the TICMA2022 conference at Salahaddin University-Erbil.
May 18-21, 2025	Organizing committee member of the Rowing Through Numbers conference, Celebrating Francesco Pappalardi's 60th birthday, at Salahaddin University-Erbil.

May 21-23, 2025	Organizing committee member of the FICMA2025 conference at Salahaddin University-Erbil.
<b>Contributed talks and speakers:</b>	
May 16-21, 2022	Leuca2022 conference, Celebrating Claude Levesque's, Damien Roy's and Michel Waldschmidt's birthdays Joint with the sixth mini symposium of the Roman Number Theory Association
May 18-21, 2025	The Rowing Through Numbers conference, Celebrating Francesco Pappalardi's 60th birthday, at Salahaddin University-Erbil.

### Funding and academic awards:

2018	I got a scholarship from Roma Tre University.
2022	I got a grant for the WAMS school from the CIMPA organization under the title "Topics in Algebraic Number Theory" hosted by Salahaddin University-Erbil.
2023	I got a fund from the EMS organization for a proposal to send SUE students to Mathematic Village.
2025	I got a fund from the IMU organization for a project named Kurdish Algebra project.

### Professional memberships:

2021	I am a member of the CIMPA Organization.
2021	I am a member of the founding board of the Kurdish Mathematical Society.

### Some of the subjects that 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

**Scan the QR codes below for my professional academic and social network accounts:**



### Cover letter:

Andam graduated from the Department of Mathematics in the College of science at Salahaddin University-Erbil in 2009. From 2009 to 2013, he worked as a research assistant in the same department, and he earned a master's degree in numerical analysis in 2015. As well, he served as a lecture assistant from 2015 to 2022. Furthermore, he completed his Ph.D. in analytical number theory at Roma Tre University, Rome, Italy, in 2022. Currently, he is a lecturer in the same department.

From 2016 to 2018, he served as director and member of the department's undergraduate final exam committee. In the academic year 2022–2023, he was the head of quality assurance for the department. He later served as the director of pedagogy at the ministry of higher education and scientific research during 2023–2024. At present, he is responsible for coordinating the Bologna process and curriculum programming at the college level.

He has published numerous articles in both national and international journals. Additionally, he success in securing research grants and funding, as well as his active participation in and organization of various workshops, symposiums, and conferences.

### References:

1. Francesco Pappalardi, Dipartimento di Matematica e Fisica, Università degli Studi Roma Tre, Phone: (39)-6-57338243, Fax: (39)-6-57338080, e-mail: papp@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.