

Yassine Ait Mohamed

Curriculum Vitae

Octobre 2025

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Education

PhD Student , University of Sherbrooke Field: Differential Geometry Supervisor: Maxence Mayrand	2024–Present
PhD Student , University of Sidi Mohamed Ben Abdellah Field: Ring Theory.	2022–2023
Master's Degree , University of Sidi Mohamed Ben Abdellah Thesis: <i>Divisors in Algebraic Geometry, Central Simple Algebras, and Severi-Brauer Varieties</i> Supervisor: Karim Mounirh	2020–2022
Bachelor's Degree , University of Moulay Ismail, Meknes Thesis: <i>The Spectrum and the Jacobson Radical in a Commutative Ring</i> Supervisor: Chahrazade Bakkari	2016–2020
High School Diploma in Experimental Sciences High School Boumia, Specialization: Physics and Chemistry	2015–2016

Publications

Papers

- Ait Mohamed Y., *Generalized homogeneous derivations in graded rings*.
- Ait Mohamed Y., *On Graded Rings with Homogeneous Derivations*, Revista de la Unión Matemática Argentina.

Thesis

- *Divisors in Algebraic Geometry, Central Simple Algebras and Severi-Brauer Varieties*, Master's Thesis.

Talks and Presentations

Generalized homogeneous derivations in graded rings Seminar of Non-commutative Algebra, Laboratory of Modeling and Mathematical Structures, Faculty of Science and Technology, Fez	July 2023
On Graded Rings with homogeneous derivations Seminar of Non-commutative Algebra, Faculty of Science and Technology, Fez	April 2023
On Graded Rings and derivations Seminar of Non-commutative Algebra, Faculty of Science and Technology, Fez	February 2023
On Graded Rings Seminar of Non-commutative Algebra, Faculty of Science and Technology, Fez	January 2023
Tensor Algebra and Enveloping Algebra of a Lie Algebra Seminar of Geometry and Algebra, Faculty of Science, Dhar El Mahraz	December 2021
On Riemann-Roch Theorem Seminar of Geometry and Algebra, Faculty of Science, Dhar El Mahraz	November 2021

Teaching Experience

Teaching Assistant, Université de Sherbrooke

August 2025–Present

- Elements of Algebra (MAT141)
- Applied Linear Algebra in Computer Science (MAT199)

Teaching Assistant, Université de Sherbrooke

January–April 2025

- Linear Algebra (MAT253)

Teaching Assistant, Université de Sherbrooke

August–December 2024

- Differential and Integral Calculus I (MAT194)
- Center for Mathematics Help

Mathematics Tutor

September 2022–Present

Algebra, Real and Complex Analysis, and Topology

<https://www.voscours.fr/professeur/yassine-ait-mohamed.htm>

Teaching Assistant, Mini School Center, Fez, Morocco

September 2022–November 2023

Teaching Assistant, Olympia Centre Zarhounia, Meknes

September 2018–March 2019

Teaching Assistant, Maxcence Centre, Meknes

September 2017–March 2018

Peer Review Activities

Peer Reviewer, Proceedings of the International Geometry Center

August 2025

Peer Reviewer, International Journal of Neutrosophic Science

June 2025

Peer Reviewer, Asian Research Journal of Mathematics

February 2025