Yassine Ait Mohamed

Curriculum Vitae | August 2025

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Education

2024 – Present	🔖	**PhD Student**, University of Sherbrooke. Field: Algebraic and Symplectic Geometry. Under supervision of Dr.Maxence Mayrand.
2022 – 2023	🔖	**PhD Student**, University of Sidi Mohamed Ben Abdellah. Field: Rings theory and homological algebra.
2020 – 2022	🔖	**Master's Degree**, University of Sidi Mohamed Ben Abdellah. Thesis Title: *Divisors in Algebraic Geometry, Central Simple Algebras, and Severi-Brauer Varieties.* Under supervision of Dr.Karim Mounirh.
2016 – 2020	🔖	**Bachelor's Degree**, University of Moulay Ismail, Meknes. Thesis Title: *The Spectrum and the Jacobson Radical in a Commutative Ring.* Under supervision of Dr.Chahrazade Bakkari.
2015 – 2016	🔖	**High School Diploma in Experimental Sciences**, High School Boumia. Specialization: Physics and Chemistry.

Talks

July 2023	🔖	*Generalized homogeneous derivations of graded rings*, Seminar of commutative Algebra, Laboratory of Meddling and Mathematical Structures, Faculty of Science and Technology, Fez.
April 2023	🔖	*On Graded Rings with homogeneous derivations*, Seminar of commutative Algebra, Laboratory of Meddling and Mathematical Structures, Faculty of Science and Technology, Fez.
February 2023	🔖	*On Graded Rings and derivations*, Seminar of commutative Algebra, Laboratory of Meddling and Mathematical Structures, Faculty of Science and Technology, Fez.
January 2023	🔖	*On Graded Rings*, Seminar of commutative Algebra, Laboratory of Meddling and Mathematical Structures, Faculty of Science and Technology, Fez.
December 2021	🔖	*Tensor Algebra and Enveloping Algebra of a Lie Algebra*, Seminar of Geometry and Algebra, Faculty of Science, Dhar El Mahraz.
November 2021	🔖	*On Riemann-Roch Theorem*, Seminar of Geometry and Algebra, Faculty of Science, Dhar El Mahraz.
February 2021	🔖	*Action of a Lie Group on a Smooth Manifold*, Seminar of Geometry and Algebra, Faculty of Science, Dhar El Mahraz.

Papers

🔖 Ait Mohamed Y., *Differential structures in graded rings and modules.* **Under review**.

🔖 Ait Mohamed Y., *Generalized homogeneous derivations in graded ring.* **Under review**.

Papers (continued)

- Ait Mohamed Y., *On Graded Rings with Homogeneous Derivations.* **Revista de la Unión Matemática Argentina**.

Professional Activities

Teaching Activities

Jan 2025 - April 2025	**Teaching Assistant** *Linear algebra (MAT253)*, Faculty of Sciences, University of Sherbrooke.
Sep 2024 - Dec 2024	**Teaching Assistant** *Differential and Integral Calculus I (MAT194)*, Faculty of Sciences, University of Sherbrooke.
	Teaching Assistant *Center for Mathematics Help*, Faculty of Sciences, University of Sherbrooke.
Sep 2022 - June 2024	**Mathematics Tutor** *Algebra, Real and Complex Analysis, and Topology.* https://www.voscours.fr/professeur/yassine-ait-mohamed.htm
Sep 2022 - Nov 2023	**Mathematics Tutor** *High School Lessons*, Mini School Center, Fez, Morocco.
Sep 2018 - Mar 2019	**Mathematics Tutor** *Secondary School Lessons*, Olympia Centre Zarhounia, Meknes, Morocco.
Sep 2017 - Mar 2018	**Mathematics Tutor** *Secondary School Lessons*, Maxcence Centre, Meknes, Morocco.

Peer Review Activities:

Feb 2025	**Peer Reviewer** *Asian Research Journal of Mathematics.* Recipient of Certificate of Excellence in Reviewing.
June 2025	**Peer Reviewer** *International Journal of Neutrosophic Science.*
August 2025	**Peer Reviewer** *Proceedings of the International Geometry Center.*