

Fabrice O. Ulysse

Contact Information Department of Mathematics Office: Hayes-Healey 237
University of Notre Dame fulysse@nd.edu
Hayes-Healey Hall http://www.fabriceulysse.website
Notre Dame, IN 46556

Fields of Interest Currently: Algebra and Logic

Education 2020-present **University of Notre Dame**
Notre Dame, IN
PhD, Mathematics

2016-2020 **Cornell University**
Ithaca, NY
AB, Cum Laude in Mathematics

Awards, Grants, & Scholarships 2020-present *Deans' Fellowship*
University of Notre Dame

2020 *Honorable Mention for Poster Presentation*
MAA Undergraduate Student Poster Session at the Joint Mathematics Meetings

Graduate Coursework Complex Analysis I (Fall '20)
 Basic Algebra I (Fall '20)
 Logic I (Fall '20)

Papers, Preprints, & Documents in Preparation Pamela E. Harris, Marissa Loving, Juan Ramirez, Joseph Rennie, Gordon Rojas Kirby, Eduardo Torres Davila, and Fabrice O. Ulysse, *Visualizing the support of Kostant's weight multiplicity formula for the rank two Lie algebras*, **submitted**.

Writing Contributions to the Profession *When Undergraduate Research Work, Works!*, with Alex Christensen, Pamela Harris, Zakiya Jones, and Juan Ramirez. **MAA Focus Feb/March 2020**.

Seminar Talks *Visualizing the support of Kostant's weight multiplicity formula for the rank two Lie algebras*, MSRI-UP, **Mathematical Sciences Research Institute**. (July 2019)

Workshop Participation Mathematics Summer Workshop for Achieving Greater Graduate Educational Readiness (July 2020)

Undergraduate Research Experience Summer 2019 **Mathematical Sciences Research Institute Undergraduate Program**
Berkeley, CA USA
Research Topic: Applied Combinatorics & Discrete Mathematics
Research Director: Prof. Pamela E. Harris, Williams College

last updated: July 27, 2020

**Relevant
Skills**

Languages: English (native), French (native), Haitian Creole (native),
Spanish (elementary), Italian (elementary)
Programming: Java, Python, MATLAB, Swift, \LaTeX

Miscellaneous

- Citizenship: U.S.A.