

Kevin Alves Vasconcellos

PH.D. STUDENT IN MATHEMATICS · BRAZILIAN

Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

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Education

Federal University of Rio de Janeiro

PH.D. IN PURE MATHEMATICS

- Advisor: Seyed Hamid Hassanzadeh
- Thesis title: Undefined
- GPA: 4.0

Rio de Janeiro, Brazil

July, 2020 - present

Federal University of Rio de Janeiro

M.SC. IN PURE MATHEMATICS

- Advisor: Seyed Hamid Hassanzadeh
- Thesis title: Uma fórmula para o core de um ideal
- GPA: 4.0

Rio de Janeiro, Brazil

August, 2018 - June, 2020

State University of Northern Rio de Janeiro

B.SC. IN ENGINEERING

- Advisor: José Nilson França de Holanda
- GPA: 3.6

Campos dos Goytacazes, Brazil

April, 2013 - July, 2018

Research Interests

Residual intersections, Kitt ideals, Deformation of Kitt to Generic Kitt, Theory of F -singularities, Integral Closure Theory

Professional Experience

2013-2015 **Undergraduate Research Assistant**, Mathematics Sciences Laboratory, State University of Northern Rio de Janeiro

Publications

PUBLISHED

VASCONCELLOS, K; SILVA, P. S. D. Variational Data Assimilation in A Class of Environmental Disasters: Mathematical Aspects. Earth Science Research., v.4, p.75 - 87, 2014.

VASCONCELLOS. K; BUSCH P; LOIOLA R. L. et al. The Fundamentals of Brick Manufacturing. Manufacturing Technology Research. New York, Nova Science Publishers, Inc. Chapter 5. p. 113-125.

Mentoring

2019-2019 **Linear Algebra III**, Federal University of Rio de Janeiro

2022-2022 **Advanced Linear Algebra**, Federal University of Rio de Janeiro

2022-2022 **Introduction to Algebraic Geometry**, Federal University of Rio de Janeiro

Participations in examination boards

UNDERGRADUATION

GUILLERMO, L. H; VASCONCELLOS, K. A; BEGGIO, P.C; JARA, R. A. A topologia de superfícies: uma noção intuitiva e seu uso como recurso pedagógico. 2021. Undergraduation completion work (Degree in Mathematics) - State University of Northern Rio de Janeiro.

Events

- 2023 **34° Brazilian Mathematics Colloquium**, IMPA, Rio de Janeiro, Brazil
- 2023 **Pragmatic 2023: Cohomology and Frobenius**, Università degli Studi di Catania, Catania, Italy
- 2022 **Celebrating Woman in Math 2022**, UFRJ, Rio de Janeiro, Brazil
- 2022 **A Living Singularity**, UFRJ, Rio de Janeiro, Brazil
- 2021 **33° Brazilian Mathematics Colloquium**, IMPA, Rio de Janeiro, Brazil
- 2021 **Celebrating Woman in Math 2021**, UFRJ, Rio de Janeiro, Brazil
- 2019 **CIMPA School: Syzygies, from theory to applications**, UFPB, João Pessoa, Brazil
- 2019 **32° Brazilian Mathematics Colloquium**, IMPA, Rio de Janeiro, Brazil

Languages

English *Comprehends reasonably, Speaks reasonably, Reads well, Writes well*

Spanish *Comprehends reasonably, Speaks reasonably, Reads reasonably, Writes Reasonably*

Portuguese *Comprehends well, Speaks well, Reads well, Writes well*

Complementary Education

Federal Fluminense Institute

CHEMICAL TECHNICAL

- GPA: 3.7

Campos dos Goytacazes, Brazil

2011 - 2012

Federal Fluminense Institute

HIGH SCHOOL

- GPA: 3.8

Campos dos Goytacazes, Brazil

2010 - 2012

CCAA Idioms

ENGLISH

- GPA: 3.0

Campos dos Goytacazes, Brazil

2011 - 2016