Neemias Martins

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EDUCATION

University of Campinas

- PhD in Mathematics   Expected 2024

Federal University of Viçosa

- MSc in Mathematics   2021
- BSc in Mathematics   2019

Sapienza University of Rome

- Visiting student, Science without Borders program   2015 - 2016

PROFESSIONAL EXPERIENCE

Federal University of Viçosa   2020

Adjunct Professor

TEACHING INTERNSHIPS

University of Campinas   2023 - 2024

Graduate Teaching Assistant, PED Teaching Internship Program

São Paulo State University, Campus Rio Claro   2021

Graduate Teaching

PUBLICATIONS

Martins, N., Mattos P. G., Varão R. **Folding entropy of extended shifts.** Preprint, arXiv:2407.01828 [math.DS], 2024 [arxiv]

Mehdipour, P., Martins, N. **Encoding n-to-1 baker's transformations.** Arch. Math. 119, 199–211, 2022 [doi]

Martins, N., Mehdipour, P. **Ergodicity of a 2-to-1 baker map.** Proceeding Series of the Brazilian Society of Computational and Applied Mathematics, v.8, n.1, 2021 [doi] [pdf]

SCHOLARSHIPS & AWARDS

Doctorate scholarship, CAPES   2021-2025

- *Ornstein's isomorphism theorem for n-to-1 extended Bernoulli maps*
- Advisors: Régis Varão and Pouya Mehdipour

Master scholarship, CAPES	2019 - 2021
Undergraduate research scholarship PIBIC, CNPq	2018
Undergraduate research scholarships PICME, CNPq	2013 - 2017
Science without Borders scholarship in Italy, CAPES	2015 - 2016
Minas Gerais Outstanding Student Award in Mathematics	2011
Silver Medal, Brazilian Mathematical Olympiad of Public Schools	2009

SELECTED TALKS

DinAmicI in Rio, Dynamics, Applications, Interactions	2024
Poster: Entropy of zip shifts	Rio de Janeiro, Brazil
XVIII Scientific Meeting of IMECC Graduate Students	2024
Talk: Symbolic dynamics and the n-to-1 baker's transformations	Campinas, Brazil
International Mathematics Days IV	2024
Poster: Folding entropy of the Zip shift map	Online
7th Brazilian School of Dynamical Systems	2023
Poster: Ornstein's theory and the n-to-1 zip-shifts	Fortaleza, Brazil
International and Online Mathematics Days III	2023
Poster: The Ornstein theorem	Online
XL National Congress of Applied and Computational Mathematics	2021
Talk: Ergodicity of a 2-to-1 baker map	Online
Mathematics Day III	2018
Talk: Ergodicity and Mixing on Dynamical Systems	Viçosa, Brazil
XIX Brazilian Topology Meeting	2014
Poster: Introduction to the theory of knots and polynomial invariants	SJRP, Brazil

SERVICE

39ª Unicamp Mathematics Olympiad	2023
Proofreader	
XXX Unicamp Scientific Initiation Congress	2022
Poster Reviewer	
UFV Mathematics Academic Week	2015
Member of Organizing Committee	

Coordinating Committee of UFV Undergraduate Math. Course   2014 - 2015
Alternate Member