

RONALDO FREIRE DE LIMA

PERSONAL INFORMATION

Born in Brazil, 01 November 1964

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Erdos Number My Erdos number is 4

WORK EXPERIENCE

1993–Present Associate Professor (currently)

Federal University
of Rio Grande do
Norte

EDUCATION

1996–2000 IMPA-Institute for Pure and Applied
Mathematics, Brazil and Université Paris 7, France

*Phd in
Mathematics*

*Thesis: Hypersurfaces with Constant Mean Curvature and Bounded Scalar Curvature
in Euclidean and Hyperbolic Spaces*
Advisor: Harold Rosenberg

1989–1993 Federal University of Goiás, Brazil

*Master in
Mathematics*

Dissertation: Seifert Fiber Spaces (in Portuguese)
Advisor: Genésio L. dos Reis

1982–1985 Federal University of Rio Grande do Norte, Brazil

*Baccalaureate in
Mathematics*

OTHER ACADEMIC ACTIVITIES

2001–2003 University of Massachusetts, USA

Post-Doc

Work with William Meeks at GANG laboratory at UMASS

PREPRINTS

2020 Hypersurfaces of Constant Higher Order Mean
Curvature in $M \times \mathbb{R}$

Preprint

Authors: Ronaldo F. DE LIMA Fernando MANFIO and João P. DOS SANTOS

2020 Helicoids and Catenoids in $M \times \mathbb{R}$.

Preprint

Available at <https://arxiv.org/abs/1901.07936>
Authors: Ronaldo Freire DE LIMA and Pedro ROITMAN

2019 Embeddedness, Convexity, and Rigidity of
Hypersurfaces in Product Spaces

Preprint

Available at <https://arxiv.org/abs/1806.01509>
Author: Ronaldo Freire DE LIMA

PUBLISHED ARTICLES

2019 Convexity, Rigidity, and Reduction of
Codimension of Isometric Immersions into Space Forms

Volume 50, pages 119–136
Authors: Ronaldo Freire DE LIMA and Rubens L. DE ANDRADE

*Bulletin of the
Brazilian
Mathematical
Society*

2019 The n -dimensional Peano Curve

Volume 13, pages 678–688
Authors: Joaquim E. DE FREITAS, Ronaldo F. DE LIMA, and Daniel T. dos SANTOS

*São Paulo Journal
of Mathematical
Sciences*

2016 Geometrical and Analytical Properties of
Chebyshev Sets in Riemannian Manifolds

Volume 144, Number 4, Pages 1697—1710
Author: Ronaldo Freire DE LIMA

*Proceedings of the
American
Mathematical
Society*

2004 Maximum Principles at Infinity for Surfaces of
Bounded Mean Curvature in \mathbb{R}^3 and \mathbb{H}^3

Vol. 53, No. 5, Pages 1211–1223
Authors: Ronaldo Freire DE LIMA and William MEEKS, III

*Indiana University
Mathematics
Journal*

2003 On Surfaces with Constant Mean Curvature in
Hyperbolic Space

Volume 47, Number 4, Pages 1079–1098
Author: Ronaldo Freire DE LIMA

*Illinois Journal of
Mathematics*

2001 A Maximum Principle at Infinity for Surfaces
with Constant Mean Curvature in Euclidean Space

Volume 20, Pages 325–343
Author: Ronaldo Freire DE LIMA

*Annals of Global
Analysis and
Geometry*

PUBLISHED BOOKS

2016 Introdução à Geometria Diferencial

Published on line (in Portuguese). Available at <https://www.sbm.org.br>
Author: Ronaldo Freire DE LIMA

*Brazilian
Mathematical
Society*

2015 Topologia e Análise no Espaço \mathbb{R}^n

In Portuguese
Author: Ronaldo Freire DE LIMA

*Brazilian
Mathematical
Society*

2006 Pré-Cálculo

In Portuguese
Authors: Rubens Leão de ANDRADE and Ronaldo Freire DE LIMA

*Secretaria de
Educação a
Distância*

OTHER INFORMATION

2020 · XII Summer Workshop in Mathematics, UnB, Brasília-DF, Brazil

2019 · Workshop on Submanifold Theory and Geometric Analysis, UFSCar,
São Carlos-SP, Brazil

2019 · II Encontro em Geometria Diferencial no Rio Grande do Sul, UFRGS,
Porto Alegre-RS, Brazil

*Conferences
Presentations*

2018 · International Congress of Mathematicians, Centro de Convenções, Rio de Janeiro-RJ, Brazil

2018 · XX Brazilian School of Geometry, Cabo Branco Estação de Ciências, João Pessoa - PB, Brazil

2016 · XIX Brazilian School of Geometry, IMPA, Rio de Janeiro-RJ, Brazil

Languages

PORTUGUESE Mother tongue

ENGLISH · fluent

FRENCH · fluent

SPANISH · fluent

Interests

Arts · Music · Jazz · Literature

August 6, 2020