

HERMES MARTINEZ

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EDUCATION

University of Bonn, Bonn, Germany

June 2010

PhD in Mathematics

Universidad de los Andes, Bogotá, Colombia

December 2006

Master in Mathematics

Universidad Nacional de Colombia, Bogotá, Colombia

December 2003

Mathematics

PUBLICATIONS

Jefferson Hernandez, Hermes Martinez, Δ_c -rings and its basic properties . Boletín De Matemáticas ISSN: 0120-0380, Sociedad Colombiana de Matemáticas v.23 fasc.1 p.21 - 33 ,2016, DOI: 10.15446/bm

Edward Becerra, Mario Velasquez, Hermes Martinez, "Twisted K-Theory for the Orbifold $[\mathbb{G}]$ " . En: Estados Unidos Pacific Journal Of Mathematics ISSN: 0030-8730 ed: v.264 fasc.2 p.471 - 490 ,2013, DOI:

Carlos Peña, Karen Garcia, Hermes Martinez, Hybrid model of the spread of Toxoplasmosis Between two Towns of Colombia. Tecciencia. V 10, N0 18,2015.

Hermes Martinez ,Fourier-Mukai transform for twisted derived categories of surfaces, RCM vol. 46 No.2.

Hermes Martinez, The Brauer group of K3 covers, Aceptado para publicación en la revista colombiana de matemáticas. RCM vol. 46 No. 2

TECHNICAL STRENGTHS

Computer Languages Matlab, Python, R

PROJECTS IN PROGRESS

Airport network analysis in Colombia

Landslide susceptibility mapping based on Support vector Machine: A case study on location of Bogotá.

Time series analysis and trading strategies using machine learning