

Curriculum Vitae for Italo Cipriano

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Education

PhD supervised by prof Mark Pollicott, The University of Warwick, Coventry, UK, 2016. Thesis title: "Entry times, escape rates and smoothness of stationary measures".

Mathematical Engineer, Facultad de Ciencias Físicas y Matemáticas, Universidad de Chile, Santiago, Chile, 2011. Research Advisor: prof Alejandro Maass. Thesis title: "Randomización de medidas de probabilidad por autómatas celulares de tipo permutativo no algebraico" (Randomized probability measures by permutative not algebraic cellular automata).

Teaching records

University of Warwick, Coventry, UK, 2011–2012. Supervisor of second year students in Advanced linear algebra, vector analysis, analysis III, Algebra II and metric spaces. Teaching assistant: Functional Analysis I, first term of 2012.

Universidad de los Andes, Santiago, Chile, 2010. Teaching assistant: Calculus, Multivariate Calculus and Optimization.

Facultad de Ciencias Físicas y Matemáticas, Universidad de Chile, Santiago, Chile, 2008. Teaching assistant: Differential equations and single variable calculus. Marking test assistant: Algebra and single variable calculus.

Facultad de Economía y Negocios, Universidad de Chile, Santiago, Chile, 2006. Teaching assistant: Introduction to Algebra.

List of publications

Entry time statistics to different shrinking sets, submitted.

Escape rate for special semi-flows over non-invertible subshifts of finite type, submitted.

A Large deviation and an escape rate result for special semi-flows, submitted.

Stationary measures associated to analytic iterated function schemes (with Mark Pollicott), submitted.

Smoothness of the stationary measures, submitted.

List of talks

"The Wasserstein distance between stationary measures" (7th Apr 2016), Seminario dinámica, Pontificia Universidad Católica de Chile.

"How smooth are the stationary measures?" (30th Oct 2015), Dinámica Portena, Pontificia Universidad Católica de Valparaíso.

“Entry time statistics to different shrinking sets” (5th Oct 2015), Seminario dinámica, Pontificia Universidad Católica de Chile.

“Large Deviations” (17th Aug 2015), Young Research Meeting, University of Oxford.

“Some spectral properties of the Perron Frobenius operator in one dimensional dynamics” (29th Jan 2014), Postgraduate Seminar, University of Warwick.