

Latinxs and Hispanics in Mathematical Sciences



Liz Vivas

Liz Vivas was born and raised in Lima, Peru. She received her bachelor's degree in Mathematics from Universidad Nacional de Ingeniería in 2001, a master's degree from Instituto de Matemáticas Pura e Aplicada, Rio de Janeiro, in 2003, and a Ph.D. from the University of Michigan in 2009. She had a postdoctoral appointment at Purdue University, a visitor appointment at Institute Henri Poincaré, and at Universidad Federal Fluminense. She has been Assistant Professor at the Ohio State University since 2014.

Her research is mainly in the area of discrete dynamical systems in several complex variables. Some specific problems that she is focused on are studying maps tangent to the identity in several variables, Fatou components for skew product maps, and the correspondence between vector fields and their time-1 maps. The holomorphic dynamics problems studied are motivated by important open questions in several traditional complex variables, complex geometry, affine algebraic geometry, and other branches of mathematics. Recurrent themes in her research are parabolic curves, parabolic manifolds, summability theory, vector fields, Fatou components and global basins of attraction.

"I am honored to participate on this initiative to celebrate the work of the Latino community."

Lathisms was founded in 2016 in order to showcase the contributions of Latinx and Hispanic mathematicians during Hispanic Heritage Month, which is celebrated in the United States from September 15 and October 15 every year. During this time, we feature/reveal a prominent Latinx/Hispanic mathematician daily. See all the featured mathematical scientists at LATHISMS.ORG.

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