

Reza Seyyedali

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EDUCATION

- *Johns Hopkins University*, Ph.D in Mathematics, May 2009 (expected)
 - *Thesis title*: Balanced metrics in Kähler geometry
 - *Advisor*: Richard Wentworth
- *Boston University*, M.A. in Mathematics, May 2003
- *Sharif University*, M.A. in Mathematics, June 2002
- *Sharif University*, Bachelor of Arts, Sept. 1999

RESEARCH

My research interests are in complex geometry, geometric analysis, and geometric invariant theory. I am especially interested in the relationship between various notions of stability and canonical metrics in Kähler geometry.

PUBLICATIONS

- Balanced metrics in Kähler geometry. Ph.D. thesis. In preparation.
- Numerical Algorithm in finding balanced metrics on vector bundles. Submitted. Preprint available at http://arxiv.org/PS_cache/arxiv/pdf/0804/0804.4005v1.pdf
- Balanced metrics and Chow stability of projective bundles over Kähler manifolds. Preprint.

TALKS

- “Chow Stability of Ruled Manifolds” – Brown University, Nov. 5, 2008
- “Chow Stability of Ruled Manifolds” – Johns Hopkins University, Oct. 22, 2008
- “Chow Stability of Ruled Manifolds” – University of Maryland, Sept. 22, 2008

CONFERENCE PARTICIPATION

- PCMI, “Analytic and Algebraic Geometry: Common Problems – Different Methods,” July 6-26, 2008.
- MSRI, “Workshop on Geometric Flows and Function Theory in Real and Complex Geometry,” Sept. 11-15, 2006.
- MSRI, “Von Neumann Symposium on Complex Geometry, Calibrations, and Special Holonomy,” Aug. 11-20, 2003.

TEACHING (*Johns Hopkins University*)

Instructor

- Putnam problem solving, Fall 2004
- Analysis qualifying exam, Spring 2006 and 2007
- Calculus III, Summer 2006
- Calculus I, Summer 2007
- Differential Equations and applications, Summer 2008

Teaching Assistant

Fall 2003 – Spring 2008: Taught sections of Honors Calculus I, Calculus II, Calculus III, Honors Calculus III, Differential Equations, Linear Algebra and Honors Analysis II.