

Curriculum Vitae

Trevor Clark

Personal Information

Address Trevor Clark
Department of Mathematics
Stony Brook University
Stony Brook, N.Y. 11794-3660, USA

Telephone (631) 742 - 3856

E-Mail tcc@math.sunysb.edu

Nationality Dual American and Canadian citizenship

Current Positions

Sept. 2007 - Present Visiting student, Stony Brook University.

Sept. 2004 - Present PhD Student, University of Toronto.

Research Interests

One dimensional dynamical systems, especially holomorphic dynamics.

Education

Sept. 2003 - Sept. 2004 M.Sc. in Mathematics, University of Toronto.

Sept. 1998 - May 2003 B.Sc. in Mathematics, University of Victoria.

Awards and Fellowships

May 2005 - Jan. 2008 NSERC Postgraduate Scholarship

May 2004 - Jan. 2005 NSERC Canada Graduate Scholarship

Sept. 2003 - May 2004 University of Toronto Graduate Fellowship

May 2003 - Sept. 2003 NSERC Undergraduate Research Award

May 2002 - Sept. 2002 NSERC Undergraduate Research Award

Publications

Submitted:

Trevor Clark. Regular or stochastic dynamics in families of unimodal maps of degree greater than two. Submitted to the Journal of Ergodic Theory and Dynamical Systems.

In preparation:

Trevor Clark. The Poincaré exponent for nonrenormalizable maps with big geometry.

Published:

Alewyn P. Burger, T. C. Clark, B. Falvai, N. D. R. Henderson, C. M. Mynhardt. Altitude of regular graphs with girth at least five. Discrete Mathematics 294, 3 (2005) 241-257

T. C. Clark, B. Falvai, N. D. R. Henderson, C. M. Mynhardt. Altitude of 4-regular circulants. AKCE Int. J. Graphs Comb., 1 (2004), 149-166

Teaching Experience

| | | | |
|------------------------|---------------|------------------------|--|
| Jan. 2010 - May. 2010 | Lecturer | Stony Brook University | Math 125, Calculus A |
| Sept. 2009 - Dec. 2009 | Lecturer | Stony Brook University | Math 123, Precalculus |
| July 2009 - Aug. 2009 | Sole Lecturer | Stony Brook University | Math 126, Calculus B |
| Jan. 2009 - May 2009 | Lecturer | Stony Brook University | Math 123, Precalculus |
| Sept. 2008 - Dec. 2009 | Lecturer | Stony Brook University | Math 127, Calculus C |
| July 2008 - Aug. 2008 | Sole Lecturer | Stony Brook University | Math 122, Calculus with applications |
| Jan. 2008 - May 2008 | Lecturer | Stony Brook University | Math 132, Calculus 2 |
| Sept. 2006 - May 2007 | Lecturer | University of Toronto | Math 137, Calculus for science students |
| Sept. 2003- Sept. 2007 | TA | University of Toronto | Calculus, linear algebra, dynamical systems and others |

Talks

- January 2010 Regular or Stochastic Dynamics in Families of Higher Degree Unimodal Maps, Princeton University, Dynamical Systems Workshop.
- August 2007 Hausdorff Dimension of Julia Sets of Nonrenormalizable Maps, University of Toronto, Informal Dynamics Seminar.
- April 2006 Notions of Dimension in Holomorphic Dynamics, Fields Institute, Young People’s Dynamics Seminar

Conferences Attended

Dynamical Systems Workshop, Princeton University, January 2010

Advances in Low Dimensional Dynamics, Stony Brook University, June 2009

Thematic Program on Renormalization, Holomorphic Dynamics and Hyperbolic Geometry, Fields Institute, Toronto, Sept. 2005 - May 2006

Service

- Sept. 2004 - Sept. 2007 Mathematics Department Union Steward, University of Toronto
- Sept. 2003 - Sept 2004 Mathematics Department Representative to the Graduate Student’s Union, University of Toronto