

Eamonn Tweedy

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Personal

Born on March 8, 1984 in Limerick, Ireland (United States Citizen, Irish Citizen)

Education

Ph.D. in Mathematics, University of California, Los Angeles, expected June 2011 (in progress)

M.A. in Mathematics, University of California, Los Angeles, 2007

B.S. in Applied Mathematics, B.S. in Physics, *summa cum laude*, North Carolina State University, 2006

Employment

Teaching Assistant, Mathematics Department, University of California, Los Angeles, 2006-present

Undergraduate Tutor, Physics and Mathematics Tutorial Center at NC State University, 2004-2006

Awards

UCLA NSF VIGRE Graduate Instructorship, Fall 2010

UCLA Mathematics Department Robert Sorgenfrey Distinguished Teaching Assistant, 2009

Research talks

The R grading on the Heegaard Floer homology of branched double-covers
USC Geometry and Topology Seminar, April 26, 2010

The R grading on the Heegaard Floer homology of branched double-covers
Caltech Geometry and Topology Seminar, May 21, 2010

On the anti-diagonal filtration for the Heegaard Floer chain complex of a branched double-cover
Special Session on Topology and Symplectic Geometry, II
Fall 2010 AMS Western Section Meeting at UCLA, October 9, 2010

On the anti-diagonal filtration for the Heegaard Floer chain complex of a branched double-cover
Columbia Symplectic Geometry, Gauge Theory, and Categorification Seminar, November 19, 2010

On the \mathcal{R} -filtration for the Heegaard Floer chain complex of a branched double-cover
AMS Session on Differential Topology and Knot Theory
2011 AMS/MAA Joint Mathematics Meetings in New Orleans, LA, January 6, 2011

Papers

On the anti-diagonal filtration for the Heegaard Floer chain complex of a branched double-cover,
electronic preprint, arXiv:1004.2476v3, 2011.

Conferences and workshops attended

Georgia International Topology Conference, May 2009
University of Georgia (Athens, GA)

Introductory Workshop: Homology Theories of Knots and Links, January 2010
Mathematical Sciences Research Institute (Berkeley, CA)

Research Workshop: Homology Theories of Knots and Links, March 2010
Mathematical Sciences Research Institute (Berkeley, CA)

Low-Dimensional Topology and Categorification, June 2010
SUNY Stony Brook (Stony Brook, NY)

Seminars

UCLA Participating Topology Seminar, Spring 2008-present

Los Angeles Joint Topology Seminar, Fall 2008-present

Experience as an instructor (UCLA)

Math 32B (Second Course in Calculus of Several Variables), Fall 2010

Experience as a teaching assistant (UCLA)

Math 1 (Precalculus), Fall 2006 and Winter 2008

Math 33A (Linear Algebra and Applications), Winter 2007, Spring 2007, and Fall 2008

Math 113 (Combinatorics), Summer 2008

Math 115A (Linear Algebra), Fall 2007, Spring 2008, and Winter 2009

Math 131A (Analysis), Spring 2009

Math 170A (Probability Theory), Summer 2010

References

Ciprian Manolescu (Ph.D. adviser)
UCLA, cm@math.ucla.edu

Robert Brown (teaching)
UCLA, rfb@math.ucla.edu

Olga Radko (teaching)
UCLA, radko@math.ucla.edu

Robert Lipshitz (research)
Columbia University, lipshitz@math.columbia.edu

Jacob Rasmussen (research)
Cambridge University, J.Rasmussen@dpmms.cam.ac.uk