

Khalid Bou-Rabee

CONTACT INFORMATION	Eckhart E17 Department of Mathematics University of Chicago Chicago, IL 60637 USA	<i>Voice:</i> (773) 661-4119 <i>E-mail:</i> khalid@uchicago.edu <i>Citizenship:</i> USA <i>Birth Date:</i> August 17, 1983
RESEARCH INTERESTS	Combinatorial group theory, low dimensional topology, and analytic number theory	
EDUCATION	University of Chicago , Chicago, Illinois USA Ph.D., Mathematics, 2010 <ul style="list-style-type: none">• Advisor: Benson Farb• Coadvisor: Ben McReynolds M.S., Mathematics, 2007 Rice University , Houston, Texas USA B.A., Mathematics, 2005 B.A., Computational and Applied Mathematics, 2005	
HONORS AND AWARDS	Lawrence and Josephine Graves Teaching Prize, 2009 McCormick Fellowship, 2006-2007 Hubert E. Bray Prize in Mathematics, Most Outstanding Junior Mathematician, 2004 Rice University: graduated Magna Cum Laude, Phi Beta Kappa, 2005	
FACULTY APPOINTMENTS	University of Michigan , Ann Arbor, MI <i>RTG Assistant Professor</i>	2010 - 2013
TEACHING EXPERIENCES	University of Chicago , Chicago, IL <i>College Instructor</i> Had sole responsibility for Single variable calculus and Multivariable calculus for the social sciences. <i>College Fellow</i> Gave lectures and held problem sessions for Analysis in \mathbb{R}^n with mentor Alex Eskin, Point-set Topology with mentor Shmuel Weinberger, and Elementary Algebraic Topology with mentor Nate Broaddus.	2007 - 2009 2006 - 2007
PUBLICATIONS	<ol style="list-style-type: none">1. <i>Quantifying residual finiteness of arithmetic groups</i>, submitted (2010).2. <i>Groups with the same lower central series as $C_p * C_p$</i>, submitted (2010).3. <i>Parasurface groups</i>, to appear in Pac. J. Math. (2010).4. <i>Asymptotic growth and least common multiples in groups (with D. B. McReynolds)</i>, submitted (2009).5. <i>Bertrand's postulate and subgroup growth (with D. B. McReynolds)</i>, to appear in J. Algebra (2010).6. <i>Quantifying residual finiteness</i>, J. Algebra, 232 (2010), 729–737.	

INVITED
PRESENTATIONS

1. Wasatch Topology Conference, August 2010
2. Caltech Topology Seminar, May 2010
3. 9th Annual Bloomington Geometry Workshop, April 2010
4. UTA Geometry Seminar, February 2010
5. Rice University Geometry Seminar, February 2010
6. Rice University Analysis Seminar, February 2010
7. U. of Michigan Geometry Seminar, January 2010
8. Yale University Geometry Seminar, December 2009
9. UCLA Analysis Seminar, December 2009
10. Temple Geometry Seminar, November 2009
11. Geometric Groups on the Gulf Coast Conference, April 2009
12. AMS Sectional Meeting, at Urbana, IL, April 2009
13. Geometric Groups on the Gulf Coast Conference, TX, April 2009
14. Group Theory Seminar, UIUC, April 2009