

## Asaf Hadari

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CONTACT INFORMATION Department of Mathematics  
The University of Chicago  
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DATE OF BIRTH February, 7, 1979

CITIZENSHIP Israel, USA

RESEARCH INTERESTS Teichmüller Theory, Character varieties, low dimensional topology, geometric group theory

EDUCATION University of Chicago, Chicago, IL  
Ph.D., mathematics  

- Advisor: Benson Farb
- Co-advisor: Alex Eskin
- Expected June 2011

M.S., mathematics, 2007  
University of Tel Aviv, Tel Aviv, Israel  
M.S., mathematics  

- Advisor: Yehuda Shalom
- June 2005

B.S., mathematics, June 2005

HONORS AND AWARDS Lawrence and Josephine Graves teaching prize, 2009

TEACHING AND MATH EDUCATION EXPERIENCES

<i>College instructor</i> Had sole responsibility for 10 single variable calculus courses.	<b>2007 - 2010</b>
<i>College fellow</i> Gave lectures and held problem sessions for Analysis in $R^n$ , mentor Alex Eskin Functional Analysis, mentor Peter Constantin Analysis on manifolds, mentor Tom Fiore	<b>2006 - 2007</b>
<i>Lecturer in SESAME program</i> This is a university run program designed for math education for school teachers. Taught courses in algebra, geometry, calculus and physics.	<b>2009 - 2010</b>
<i>Lecturer in Collegiate Scholars program</i> This is a university run program designed for preparing high school students for college. Taught two summer courses, and one SAT preparation course.	<b>2009 - 2010</b>
<i>Lecturer in CAAP program</i> This is a university run program designed for preparing incoming freshmen for college. Taught one summer courses.	<b>2009 - 2010</b>
<i>Associate Editor</i> Edited manuscripts for the University of Chicago school mathematics program, a project which produces high school mathematics textbooks.	<b>2006 - 2007</b>

#### PUBLICATIONS

1. A. Hadari. Algebraic entropy and the action of mapping class groups on character varieties. *To be published in Advances in Mathematics* (2009).
2. A. Hadari. Translation surfaces with finite Veech groups, . Submitted (2009).
3. K. Bou-Rabee, and A. Hadari . simple closed curves, word length, and nilpotent quotients of free groups. (2010)
4. A. Hadari. Solvability and co-amenability in linear groups. M.S. Thesis at University of Tel Aviv (2005).

#### INVITED PRESENTATIONS

Rice topology seminar, November 2010.