

Curriculum Vitae

Prasad Senesi
University of California, Riverside

PROFESSIONAL ADDRESS

UCR Mathematics
900 Big Springs Drive
Riverside, CA 92521
prasad@math.ucr.edu

LOCAL ADDRESS

180 W Big Springs Rd Apt 11
Riverside, CA 92507
951-756-0267

<http://www.math.ucr.edu/~prasad>

EDUCATION

<p>Ph.D. in Mathematics University of California, Riverside Thesis Advisor: Professor Vjayanthi Chari Thesis Title: Finite-Dimensional Representations of the Twisted Loop Algebras.</p>	<p>Expected June 2007</p>
<p>B.S. in Mathematics, Minor in Astronomy Missouri State University</p>	<p>May 2000</p>

MANUSCRIPTS

Finite-Dimensional Representations of the Twisted Loop Algebras.
Ph.D. Thesis, expected June 2007.

Weyl Modules for the Twisted Loop Algebras.
w/ Prof. Vjayanthi Chari, in prep.

PRESENTATIONS

Weyl Modules of Twisted Loop Algebras.
November 2006 at Universitat Cologne, Cologne, Germany.

Weyl Modules associated to A_2^2 .
May 2006 at Kansas State University, Manhattan, Kansas.
Graduate Student Research Conference on Algebra and Representation theory.

Twisted Affine Kac-Moody Algebras And Their Finite-Dimensional Representations.
March 2006 at University of California, Riverside. Graduate Student Seminar.

Weyl Modules of Twisted Loop Algebras. (4 talks)
October 2005 at University of California, Riverside. Lie Theory Seminar.

Finite-Dimensional Representations of sl_2 .
July 2005 at Missouri State University, Springfield, Missouri.

Classification of Finite-Dimensional Simple Lie Algebras.

July 2004 at Missouri State University, Springfield, Missouri.

Checkerboard Graphs and Chirality of Link Diagrams in \mathbb{R}^2 and S^2 .

October 2002 at University of California, Riverside. Topology Seminar.

The Minkowski SpaceTime of Special Relativity.

April 2000 at Missouri State University, Springfield, Missouri.

**CONFERENCES,
WORKSHOPS****Oberwolfach Workshop on Representation Theory and Applications.**

Invited participant, November 2006 at MFO, Oberwolfach, Germany.

Graduate Student Research Conference on Algebra and Representation Theory.

Invited participant, May 2006 at Kansas State University, Manhattan, Kansas.

Workshop on Lie Groups, Lie Algebras, and their Representations.

February 2006 at University of California, Santa Barbara.

AMS Fall Western Sectional Meeting.

November 2005 at Eugene, Oregon.

Representations of Kac-Moody Algebras and Combinatorics.

Invited participant, March 2005 at BIRS, Canada.

Workshop on Lie Groups, Lie Algebras, and their Representations.

January 2005 at MSRI, Berkeley, California.

AMS/MAA Joint Mathematics Meetings.

January 2005 at Atlanta, Georgia.

AMS/MAA Joint Mathematics Meetings.

January 2004 at Phoenix, Arizona.

Workshop on Lie Groups, Lie Algebras, and their Representations.

March 2002 at University of California, Riverside.

Regional Workshop in Mathematics.

February 1999 at Lincoln, Nebraska.

MAA Sectional Meeting.

April 1999 at Rockhurst College, Kansas City, Missouri.

TEACHING EXPERIENCE

(Complete listing of courses can be found at http://www.math.ucr.edu/~prasad/Senesi_teaching.pdf)

GRADUATE LEVEL:

Primary instructor for the algebra qualifier preparation seminar, 2005 and 2006, at UC Riverside.

UNDERGRADUATE LEVEL:

Primary instructor for calculus III in 2005, at UC Riverside.

Teaching assistant for abstract algebra, number theory, linear algebra, optimization, discrete mathematics, calculus of several variables, integral and differential calculus, college algebra; 2002-present, at UC Riverside.

Primary instructor for college algebra, 2000-2001, At Missouri State University.

Co-founder and mentor for the Teaching Assistant Mentor program at University of California, Riverside, 2003 - present.

AWARDS

Mathematics Teaching Assistant of The Year, 2004 –2005 academic year.

Teaching Assistant Fellowship, University of California, Riverside, September 2002 – present.

MEMBERSHIPS

American Mathematical Society, 2002 – present.

Golden Key Honor Society, Missouri State University, 1998.

Kappa Mu Epsilon Mathematics Honor Society, Missouri State University, 1995 – 1999.

REFERENCES

Research:

Dr. Vyjayanthi Chari, University of California, Riverside.

Dr. Jacob Greenstein, University of California, Riverside.

Dr. John Baez, University of California, Riverside.

Dr. Kishor Shah, Missouri State University.

Teaching

Dr. Albert Stralka, University of California, Riverside.

CITIZENSHIP

United States citizen.