

Curriculum Vitae
Marcos Zarzar
Graduate Student in Mathematics
The University of Texas at Austin

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Personal Information

Born: August 4, 1973
Citizenship: Brazilian

Education

Ph.D. Mathematics	Expected Spring 2006
University of Texas at Austin, Austin, TX	
Advisor: Prof. Felipe Voloch	
M.Sc. Mathematics	Spring 1998
Universidade Federal de Pernambuco, Recife, Brazil	
Advisor: Prof. Israel Vainsencher	
B.S. Computer Science	Spring 1996
Universidade Federal de Pernambuco, Recife, Brazil	

Professional Experience

IT Developer	Spring 1995, Fall 1995
SUDENE (Federal Agency for Development of the Northeast), Recife, Brazil	
Instructor	Spring, Fall 1998
Department of Mathematics, Universidade Federal de Pernambuco, Recife, Brazil	
Graduate Research Assistant	Fall 1999
Department of Mathematics, University of Texas at Austin	
Teaching Assistant	Spring 2000-Summer 2001
Department of Mathematics, University of Texas at Austin	
Assistant Instructor	Fall 2001-Spring 2006
Department of Mathematics, University of Texas at Austin	

Fellowships Received

Fellowship for Graduate Studies	Fall 1996 - Summer 1998
Conselho Nacional de Pesquisa (CNPq), Brazil	
Departmental Summer Fellowship	Summer 2000
Department of Mathematics, University of Texas at Austin	
John L. and Anne Crawford Endowed Presidential Scholarship	Fall 2001, Spring 2002
University of Texas at Austin	
Summer Tuition Fellowship	Summer 2002
University of Texas at Austin	

Publications

1. *with I. Vainsencher, Twisted Cubics and Net of Quadrics (portuguese)*, Cubo Mat. Educ., vol. 1 (1999), 87-96.
2. *Error-Correcting codes on Low Rank Surfaces*, submitted to Finite Fields and their Applications (available at <http://www.ma.utexas.edu/users/zarzar>).
3. *with J. F. Voloch, Algebraic Geometric Codes on Surfaces*, submitted to proceedings of AGCT-10, Luminy, France (available at <http://www.ma.utexas.edu/users/zarzar>).

Invited Talks

1. October 2-4 2003, "Applications of Number Theory and Algebraic Geometry to Coding" Special Session of the AMS Sectional Meeting, University of Colorado at Boulder.
2. January 5-8 2005, AMS Special Session on Algebraic Geometry Codes at the Joint Mathematics Meetings, Atlanta, GA.
3. February 5-6 2005, Midwest Number Theory Conference for Graduate Students and Recent PhDs II, University of Illinois at Urbana-Champaign.
4. September 28 2005, Number Theory Seminar, Department of Mathematics, Texas A & M University, College Station, TX.
5. May 25 2006, Number Theory Seminar, Department of Mathematics, University of California at Irvine, Irvine, CA.

References

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