

## Pooya Hatami

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DATE OF BIRTH Dec 15<sup>th</sup>, 1985

RESEARCH Combinatorics and Theoretical Computer Science  
INTERESTS ▷ *Analytic Methods in Combinatorics*  
▷ *Communication Complexity*  
▷ *Additive Combinatorics*  
▷ *Property Testing*

EDUCATION **University of Chicago**, Chicago, IL **Sep 2009 to present**  
▷ Ph.D. of Computer Science  
▷ Adviser: Alexander Razborov

**Sharif University of Technology**, Tehran, Iran **Sep 2004 to 2009**  
▷ B.Sc. of Computer Science

### MASTERS THESIS

P. Hatami, *Testing Properties of Boolean Functions: Lower Bounds on Testing Fourier Degree*, 2012

### PUBLICATIONS

- [8] P. Hatami, R. Kulkarni, D. Pankratov, *Variations on the Sensitivity Conjecture*, Theory of Computing Library, Graduate Surveys, Number 4 (2011) pp. 1-27
- [7] S. Akbari, S. Bolouki, P. Hatami, M. Siami, *Some bounds for signed edge domination number of graphs*, J. Discrete Mathematics. Vol. 309, Issue 3 (2009) pp. 587-594
- [6] B. Behsaz, P. Hatami, *Measure preserving homomorphisms and independent sets in tensor graph powers*, J. Discrete Mathematics. Vol. 309, Issue 4 (2009) pp. 955-958
- [5] M. Behzad, P. Hatami, E. S. Mahmoodian, *Minimum vertex cover of generalized Petersen graphs*, Bulletin of the ICA. Vol. 56 (2009) pp. 98-102.
- [4] P. Hatami, P. W. Shor, *A lower Bound for the Length of a Partial Transversal in a Latin Square*, J. Comb. Theory Ser. A, Vol. 115, Issue 7 (2008) pp. 1103-1113.
- [3] H. Hatami, P. Hatami, *Perfect dominating sets in the Cartesian products of prime cycles*, Electronic Journal of Combinatorics, Vol. 14 (2007) N8.
- [2] P. Hatami, *An Approximation Algorithm for the Total Covering Problem*, Discussiones Mathematicae Graph Theory, Vol. 27, No.3 (2007) pp. 553-560.
- [1] B. Behsaz, P. Hatami, E. S. Mahmoodian, *On minimum vertex covers in generalized Petersen graphs*, Australasian Journal of Combinatorics, Vol. 40 (2007) pp. 253-264.

REVIEWER	American Mathematical Society.	
SERVED AS REFEREE	Random Structures & Algorithms, Graphs and Combinatorics, Applied Mathematics Letters, Ars Combinatoria, BULLETIN of the Malaysian Mathematical Sciences Society.	
HONORS AND AWARDS	University of Chicago, McCormick Fellowship,	<b>2009-2011</b>
	13 <sup>th</sup> National Informatics Olympiad, Tehran, Iran ▷ <b>Gold Medal.</b>	<b>Aug 2003</b>
	12 <sup>th</sup> National Informatics Olympiad, Tehran, Iran ▷ <b>Silver Medal.</b>	<b>Aug 2002</b>