

Wei Li
Curriculum Vitae
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Mailing Address:

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Research Interests

Mathematical logic, in particular recursion (computability) theory, α -recursion theory, and reverse mathematics.

Work Experience

Research Assistant, Department of Mathematics, National University of Singapore, Singapore, Jan 2013 – July 2013.

Research Fellow, Department of Mathematics, National University of Singapore, Singapore, Aug 2013 – Feb 2014.

Researcher, Kurt Gödel Research Center for Mathematical Logic, University of Vienna, Austria, Feb 2014 – Present.

Education

National University of Singapore, Singapore.

Ph.D. in Mathematical Logic, July 2013.

Advisor: Yue Yang.

Beijing Normal University, Beijing, China.

B.S. in Mathematical Science, July 2008.

Other Experience

Cornell University, NY, United States.

Non-degree Graduate student in Mathematical Logic, August 2012 - December 2012.

Advisor: Richard Shore.

Publications

1. Friedberg numbering in fragments of Peano arithmetic and α -recursion theory, the Journal of Symbolic Logic, vol. 78, no. 4, December 2013, pp. 1135 - 1163.
2. Δ_2 degrees without Σ_1 induction, Israel Journal of Mathematics, Accepted.
3. Nonstandard models in recursion theory and reverse mathematics, with C. T. Chong and Yue Yang, The Bulletin of Symbolic Logic, Accepted.

Talks

1. Logic Seminar, Kurt Gödel Research Center for Mathematical Logic, Vienna, Austria, March 2014.
2. Workshop on Metamathematics and Metaphysics, Fudan University, Shanghai, China, June 2013.
3. Logic Seminar, University of Wisconsin, Madison, United States, December 2012.
4. Logic Seminar, Cornell University, United States, September and November 2012.
5. Twelfth Asian Logic Conference, Victoria University of Wellington, New Zealand, December 2011.
6. Logic Forum, Renmin University, Beijing, China, December, 2011.
7. Logic Seminar, National University of Singapore, frequent speaker, September 2009 - May 2012.
8. The Fifth Mathematics and Physical Sciences Graduate Congress, Chulalongkorn University, Thailand, December 2009.

Other Academic Activities

1. Conference on Computability, Complexity and Randomness (Invited only), Singapore, June 2014.
2. Thirteenth Asian Logic Conference, Sun Yat-Sen University, Guangzhou, September 2013.
3. Summer School in Logic, Institute for Mathematical Sciences, National University of Singapore and Academy of Mathematics and Systems Science, Beijing, China, 2008 and 2009.
4. Asian Initiative for Infinity, Institute for Mathematical Sciences, National University of Singapore, 2010-2013.
5. Seoul Model Theory Spring School, Yonsei University, South Korea, May 2010.

Teaching

National University of Singapore, Graduate teaching assistant (teaching in English).

Fundamental Concepts of Mathematics (3 semesters).

Discrete Structures (3 semesters).

Fellowships and Awards

1. Researcher, Kurt Gödel Research Center for Mathematical Logic, March 2014 - February 2016.
2. Research Fellowship, National University of Singapore, August 2013 - February 2014.
3. Research Assistantship, National University of Singapore, January 2013 - July 2013.
4. President's Graduate Fellowship, National University of Singapore, 2008 - 2012.
5. Fifth-year Funding, Department of Mathematics, National University of Singapore, August 2012 - December 2012.
6. Tuition Fellowship, Cornell University, August 2012 - December 2012.
7. Top Graduate Tutor, Department of Mathematics, National University of Singapore, 2010 and 2012.
8. Teaching Assistant (Part-Time) Award, Faculty of Science, National University of Singapore, 2012.