

# Siming Tu

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CONTACT INFORMATION	University of Chile Center for Mathematical Modeling tsming@mail.ustc.edu.cn <a href="http://home.ustc.edu.cn/~tsming">http://home.ustc.edu.cn/~tsming</a>
RESEARCH INTERESTS	Dynamical systems and ergodic theory and its applications in combinatorics and number theory
EDUCATION	<b>University of Science and Technology of China</b> Ph.D. in Mathematics, June 2014 Thesis title: Some properties of topological dynamical systems in the mean sense and nilsystem. <ul style="list-style-type: none"><li>• Advisor: Xiangdong Ye</li></ul> B.A. in Mathematics, June 2009
PUBLICATIONS	Siming Tu and Xiangdong Ye, <i>Dynamical Parallelepipeds in Minimal Systems</i> , Journal of Dynamics and Differential Equations <b>25</b> (2013), Issue 3, 765-776.  Siming Tu, <i>Nil Bohr<sub>0</sub>-sets and polynomial recurrence</i> , Journal of Mathematical Analysis and Applications, 409 (2014), no. 2, 890-898.  Jian, Li and Siming Tu, <i>On proximality with Banach density one</i> , Journal of Mathematical Analysis and Applications, 416 (2014), no. 1, 36-51.  Jian Li, Siming Tu and Xiangdong Ye, <i>Mean equicontinuity and mean sensitivity</i> , Ergodic theory and dynamical systems, to appear.
TEACHING EXPERIENCE	Spring 2012 Teaching Assistant, Real Analysis Fall 2011 Teaching Assistant, Mathematical Analysis 3A Spring 2011 Teaching Assistant, Real Analysis Fall 2010 Teaching Assistant, Mathematical Analysis 3B Spring 2010 Teaching Assistant, Linear Algebra 1 Fall 2009 Teaching Assistant, Mathematical Analysis 3B
HONORS AND AWARDS	2014 Outstanding Graduate Scholarship of University of Science and Technology of China Outstanding Graduate Scholarship of Anhui Province 2013 National Scholarship 2009 Outstanding New Graduate Student Scholarship Yangya Scholarship Outstanding Graduate Scholarship of University of Science and Technology of China 2008 Outstanding Student Scholarship, University of Science and Technology of China 2007 Outstanding Student Scholarship, University of Science and Technology of China

RELEVANT  
SKILLS

Languages: Chinese, English