

Jincheng Yang

CONTACT INFORMATION	Department of Mathematics College of Natural Science The University of Texas at Austin Austin, TX 78712 USA	<i>Voice:</i> (+1) 512-317-7231 <i>E-mail:</i> jcyang@math.utexas.edu <i>LinkedIn:</i> linkedin.com/in/jincheng-yang/ <i>Website:</i> ma.utexas.edu/users/jcyang/
RESEARCH INTERESTS	Analysis, Partial Differential Equations, and their application in Fluid Mechanics.	
EDUCATION	The University of Texas at Austin , Austin, Texas USA Ph.D. in Mathematics (Pure) Aug. 2017 - Present	
	Xi'an Jiaotong University (XJTU) , Xi'an, Shaanxi China B.Sc. in Mathematics and Applied Mathematics (Elite Class) Aug. 2013 - July 2017	
	Georgia Institute of Technology , Atlanta, Georgia USA Non-degree Jan. 2016 - May 2016 School of Mathematics and Language Institute Visiting Honors Student Program	
	Columbia University in the City of New York , New York City, New York USA Non-degree Jan. 2015 - May 2015 Visiting Undergraduate Student	
HONORS AND AWARDS	First Everest Research Scholarship , awarded by XJTU 2014 National Scholarship , top 1% students, awarded by Ministry of Education, China 2016 Pacemaker to Outstanding Student , highest honor for students at XJTU 2016	
ACADEMIC EXPERIENCE	Xi'an Jiaotong University , Xi'an, Shaanxi China <i>Programmer/Writer</i> May 2013 - Sept. 2014 Includes programming and editing a college-level textbook which applies RAPTOR language in algorithm courses for non-cs major students. <i>Teaching Assistant</i> June 2016 Duties includes administrative responsibilities and oral translation for a course taught by Dan G. Sykes from Pennsylvania State University. Georgia Institute of Technology , Atlanta, Georgia USA <i>Researcher</i> Jan. 2016 - Oct. 2016 Research includes studying the effect of density variation of fluids on the linear inviscid damping of Couette flow with Zhiwu Lin. <i>Visiting Research Student</i> Feb. 2017 - May 2017 Research includes studying the effect of density variation of fluids on the inviscid damping of stratified Couette flow with Zhiwu Lin. The University of Texas at Austin , Austin, Texas USA <i>Teaching Assistant</i> Sept. 2017 - Dec. 2017 Teaching assistant for undergraduate course Differential Calculus.	

PUBLICATIONS	<p>Xie, T., Cheng, X. & Yang, J. (2014) RAPTOR Program Designing Tutorial. Beijing: Tsinghua University Press.</p> <p>Yang, J. & Lin, Z. (2017) <i>Linear Inviscid Damping for Couette Flow in a Stratified Fluid</i>, J. Math. Fluid Mech. https://doi.org/10.1007/s00021-017-0328-3</p>
PAPER IN PREPARATION	<p>Zhu, H. Lin, Z. & Yang, J. (2017) <i>Stability and instability of shear flow in a rotating system with Coriolis parameter</i>.</p>