

CONTACT INFORMATION	Department of Mathematics, California Institute of Technology 1200 E. California Blvd. Pasadena, CA 91125 Website: <a href="https://jiaxinzhang2.github.io/">https://jiaxinzhang2.github.io/</a> Email: zhangjx@caltech.edu
EDUCATION	<b>California Institute of Technology</b> , Pasadena, CA, USA Ph.D. in Mathematics, 2025 Advisor: Nikolai Makarov <b>Peking University</b> , Beijing, China B.S. in Mathematics, 2019
RESEARCH INTERESTS	Analysis, Probability Theory, Mathematical Physics
PUBLICATIONS	1. Multiple radial SLE(0) and classical Calogero-Sutherland system, (arXiv:2410.21544), 2024.
INVITED TALKS	<ul style="list-style-type: none"> <li>• Los Angeles Probability Forum, Caltech, May 2 2024</li> <li>• Analysis Seminar, Caltech, Apr 10 2024</li> </ul>
TEACHING EXPERIENCE	<b>California Institute of Technology</b> <ul style="list-style-type: none"> <li>• ACM 216: Markov Chains, Discrete Stochastic Processes and Applications, Winter 2024</li> <li>• Ma 121a Combinatorial Analysis, Fall 2024</li> <li>• Ma 140a Probability, Winter 2023</li> <li>• Ma 102 Differential Equations, Fall 2023</li> <li>• Ma 108c Classical Analysis (Complex Analysis), Spring 2022</li> <li>• Ma 110b Analysis (Complex Analysis), Winter 2022</li> <li>• Ma 121a Combinatorial Analysis, Fall 2022</li> <li>• Ma 103 Intro to Probability and Statistics, Winter 2021</li> <li>• Ma 102 Differential Equations, Fall 2021</li> <li>• Ma 102 Differential Equations, Fall 2020</li> <li>• Ma 110a Analysis (Real Analysis), Fall 2020</li> <li>• Ma 1c Calculus and Linear Algebra, Spring 2019</li> <li>• Ma 1b Calculus and Linear Algebra, Winter 2019</li> <li>• Ma 1a Calculus and Linear Algebra, Fall 2019</li> </ul>
HONORS AND AWARDS	<ul style="list-style-type: none"> <li>• 2020 Scott Russell Johnson Prize, Caltech</li> <li>• 2017, 2018 Silver medals in Shing-Tung Yau mathematics contest</li> </ul>
LANGUAGE SKILLS	Chinese: Native

English: Fluent