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教育背景:

1. 2013.10-2016.09 巴黎第十一大学 数学 博士
2. 2012.09-2013.08 巴黎综合理工学院 数学 硕士
3. 2008.09-2012.07 中国科学技术大学 数学与应用数学 学士

工作经历:

- 1.2019.08-至今 中山大学数学学院(珠海) 副教授
- 2.2016.11-2019.07 中国台湾"中央"研究院数学所 博士后

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研究领域:

复分析复几何、CR几何

学术访问:

University of California, San Diego, USA, 01/16-02/03, 2020



学术活动:

1. GAP Seminar, University of Science and Technology of China, 13/12/2019,  
"Morse inequalities on complex/CR manifolds."
2. Seminar, Osaka City University, Japan, 10/06/2019,  
"G-equivariant Szego kernel asymptotics on CR manifolds."
3. Analysis and Geometry in Several Complex Variables: in honor of  
the Bergman Prize Laureate Emil J. Straube , Doha, Qatar, 06/01-10/01,2019,  
" $S^1$ -equivariant index theorems and Morse inequalities  
on complex manifolds with boundary."
4. Lectures, Shandong University, China, 17/09/2018,  
" $S^1$ -equivariant index theorems and Morse inequalities  
on complex manifolds with boundary."
5. Symposia on Analysis and Geometry, Wuhan University, China, 06/09/2018,  
" $S^1$ -equivariant index theorems and Morse inequalities  
on complex manifolds with boundary."
6. Taipei Conference on Geometry and Several Complex Variables ,  
Taipei Taiwan China 03/07-06/07,2017,  
"Equidistribution on zeros of holomorphic sections."
7. Seminaire Mathjeunes, Jussieu France 04/06/2016,  
"Equidistribution of zeros of random holomorphic sections."



8. Seminaire analyse et geometrie, Marseille France 02/05/2016,  
"Equidistribution of zeros of random holomorphic sections for moderate measures."
9. Seminaire d'analyse et geometrie complexe, Orsay France 2014,  
"Correspondence between positive closed currents on complex projective space  
and psh functions with some homogeneity."

论文发表:

1. "Equidistribution of zeros of random holomorphic sections for moderate measures."  
Math. Z., 283 (2016), no. 3-4, 791-806.
2. "Equidistribution on big line bundles with singular metrics for moderate measures."  
J. Geom. Anal., 27 (2017), no. 2, 1295-1322.
3. "Convergence speed of weighted Bergman kernels towards extremal functions."  
Bull. Inst. Math. Acad. Sin. (N.S.), 12 (2017 ) no. 2, 141-152.
4. "Equidistribution theorems on strongly pseudoconvex domains." with HSIAO Chin-Yu,  
Trans. Amer. Math. Soc., 372 (2019), no. 2, 1113–1137.
5. Huang, Rung-Tzung; Shao, Guokuan The asymptotics of the L<sup>2</sup>-analytic torsion on CR  
manifolds with S<sup>1</sup> action. Bull. Inst. Math. Acad. Sin. (N.S.) 14 (2019), no. 4, 461–491.
6. Huang, Rung-Tzung; Shao, Guokuan; Morse inequalities for Fourier components of Kohn–  
Rossi cohomology of CR covering manifolds with S<sup>1</sup>-action. Pacific J. Math. 304 (2020), no. 2,  
439–462.



7. Hsiao, Chin-Yu; Huang, Rung-Tzung; Li, Xiaoshan; Shao, Guokuan;  $S^1$ -equivariant Index theorems and Morse inequalities on complex manifolds with boundary. *J. Funct. Anal.* 279 (2020), no. 3, 108558.

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