

# 学位授权点建设年度报告

(2022年)

学位授予单位

名称: 苏州大学

代码: 10285

授权学科

名称: 统计学

(类别)

代码: 0714

授权级别

博士

硕士

2023年2月9日

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2			2017. 01. 01- 2020. 12. 31	48	/1	/1
3			2017. 01. 01- 2020. 12. 31	48	/1	/1
4			2017. 01. 01- 2020. 12. 31	48	/1	/1
5			2017. 01. 01- 2019. 12. 31	22	/1	/1
6			2018. 01. 01-	21		/1

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7			2018. 01. 01- 2020. 12. 31	22	/1	/1
8			2019. 01. 01- 2022. 12. 31	48	/1	/1
9			2019. 01. 01- 2022. 12. 31	55	/1	/1
10			2019. 01. 01- 2022. 12. 31	50	/1	/1
11			2019. 01. 01- 2021. 12. 31	22. 1	/1	/1
12			2021. 01. 01- 2024. 12. 31	48	/1	/1
13			2021. 01. 01- 2024. 12. 31	51	/1	/1



14			2021.01.01- 2023.12.31	24	/1	/1
15			2023.01.01- 2026.12.31	45	/1	/1
16	t-		2023.01.01- 2026.12.31	46	/1	/1
17			2023.01.01- 2026.12.31	45	/1	/1
18	:		2023.01.01- 2026.12.31	45	/1	/1
19			2020.07.01- 2023.06.30	20	/1	/1
20			2021.01.01- 2023.12.31	20	/1	/1
21			2017.07.01-	20	/1	/1

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25			2018. 01. 01- 2018. 12. 31	20	/1	/1
26			2020. 01. 01- 2020. 12. 31	15	/1	/1
27	(2021-2025		2020. 01. 01- 2020. 12. 31	8	/1	/1
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1	Strong stability of a type of Jamison weighted sums for independent random variables	2017	JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY	5	/1
2	Randomly weighted sums of dependent subexponential random variables with applications to risk theory	2018	SCANDINAVIAN ACTUARIAL JOURNAL	10	/2( )
3	Almost sure convergence for weighted sums of WOD random variables and its applications to nonparametric regression models	2018	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	4	/1
4	Weak Gibbs measures: speed of convergence to entropy, topological and geometrical aspects	2018	ERGODIC THEORY AND DYNAMICAL SYSTEMS	3	/2( )
5	Variational principle and zero temperature limits of asymptotically (sub)-additive projection pressure	2018	FRONTIERS OF MATHEMATICS CHINA	2	/2( )
6	Basket CDS pricing with default intensities using a regime-switching shot-noise model	2018	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	1	/3

<p>A reduced-form model with default intensities containing contagion and regime-switching Vasicek processes</p>	<p>FRONTIERS OF MATHEMATICS IN CHINA</p>	<p>0</p>	<p>/2</p>
<p>Pricing catastrophe options counterparty credit risk in a reduced form model</p>	<p>ACTA MATHEMATICA SCIENTIA</p>	<p>0</p>	<p>/2( )</p>
<p>Complete convergence and complete moment convergence for maximal weighted sums of extended negatively dependent random variables</p>	<p>ACTA MATHEMATICA SINICA-ENGLISH SERIES</p>	<p>0</p>	<p>/1</p>

<p>10</p>	<p>On sequential entropy of fuzzy systems</p>	<p>2018</p>	<p>JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS</p>	<p>0</p>	<p>/1</p>
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	Behavior of different numerical schemes for random genetic drift	2019	BIT NUMERICAL MATHEMATICS	3	/5( )
	Multi-rhythmicity generated by coupling two cellular rhythms	2019	JOURNAL OF THE ROYAL SOCIETY INTERFACE	13	/1
2	On the mechanism of antibiotic resistance and fecal microbiota transplantation	2019	MATHEMATICAL BIOSCIENCES AND ENGINEERING	0	/4( )
3	Robust synchronization of the cell cycle and the circadian clock through bidirectional coupling	2019	JOURNAL OF THE ROYAL SOCIETY INTERFACE	10	/1
4	Uniform asymptotics for the ruin probabilities in a bidimensional renewal risk model with strongly subexponential claims	2019	STOCHASTICS-AN INTERNATIONAL JOURNAL OF PROBABILITY AND STOCHASTIC PROCESSES	9	/1
5	Asymptotic finite-time ruin probabilities in a dependent bidimensional renewal risk model with subexponential claims	2020	JAPAN JOURNAL OF INDUSTRIAL AND APPLIED MATHEMATICS	6	/1
6	Kernel density regression	2020	JOURNAL OF STATISTICAL PLANNING AND INFERENCE	6	/2( )

7	Asymptotic ruin probabilities of a two-dimensional renewal risk model with dependent inter-arrival times	2020	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	4	/1
8	Convergence analysis of a numerical scheme for the porous medium equation by an energetic variational approach	2020	NUMERICAL MATHEMATICS THEORY METHODS APPLICATION	3	/4( )
9	Bipartite Locating Array	2020	ACTA MATHEMATICA SINICA, ENGLISH SERIES		/3( )
10	Elementary renewal theorems for widely dependent random variables with applications to precise large deviations	2020	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	0	/2( )
11	Discontinuous Nash equilibrium points for nonzero-sum stochastic differential games	2020	STOCHASTIC PROCESSES AND THEIR APPLICATIONS	0	/1
12	SRB measures for pointwise hyperbolic systems on open regions	2020	SCIENCE CHINA MATHEMATICS	0	/1

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	by empirical likelihood		MULTIVARIATE ANALYSIS		/1
16	Lower bound and construction of mixed-level locating arrays	2021	COMMUNICATIONS IN STATISTICS - THEORY AND METHODS		/3( )
17	Uniformity of saturated orthogonal arrays	2022	JOURNAL OF STATISTICAL PLANNING AND INFERENCE		/2( )
18	Direct construction of three-level designs with less beta-aberration	2022	COMMUNICATIONS IN STATISTICS - THEORY AND METHODS		/2( )
19	New infinite classes of 2-chromatic Steiner quadruple systems	2022	JOURNAL OF COMBINATORIAL DESIGNS	0	/1
20	Large sets of t-designs over finite fields exist for all t	2022	DESIGNS, CODES AND CRYPTOGRAPHY	0	/2( )
21	New results on LR-designs and OLKTSs	2022	DISCRETE MATHEMATICS	0	/2( )
23	On optimal $(\mathbb{Z}_6^m \times \mathbb{Z}_6^n, 4, 1)$ and $(\mathbb{Z}_2^m \times \mathbb{Z}_3^n, 4, 1)$ difference packings and their related codes	2022	JOURNAL OF COMBINATORIAL DESIGNS	0	/2( )



Combinational constructions

24 of splitting authentication codes 2022

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AND CRYPTOGRAPHY

	massive datasets by empirical likelihood		STATISTICS		/1
32	Model detection and variable selection for mode varying coefficient model	2022	STATISTICAL METHODS & APPLICATIONS		/1
33	High order conditional distance covariance with conditional mutual independence	2022	PROBABILITY IN THE ENGINEERING AND INFORMATIONAL SCIENCES		/2( )
34	A penalized estimation for the Cox model with ordinal multinomial covariates	2022	JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION		/2( )
35	The essential coexistence phenomenon in Hamiltonian dynamics	2022	ERGODIC THEORY DYNAM SYSTEMS		/1
36	On Coupling Lemma and Stochastic Properties with Unbounded Observables for 1-d Expanding Maps	2022	JOURNAL OF DYNAMICS AND DIFFERENTIAL EQUATIONS		/1
37	A deep mixed residual method for solving high-order partial differential equations January	2022	JOURNAL OF COMPUTATIONAL PHYSICS		/3( )
38	Asymptotic infinite-time ruin probabilities for a bi-dimensional time-dependence risk model with heavy-tailed claims	2022	JAPAN JOURNAL OF INDUSTRIAL AND APPLIED MATHEMATICS		/3( )

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