

# 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：数学

(类别)

代码：0701

授权级别

博士

硕士

2023 年 1 月 18 日

..... **1**

.....**12**

. .....**13**

.....**14**

.....18

.....18

.....19



--	--	--

7

211

Hamilton

2022

t-

Teichmüller

Teichmüller

K

PNAS Nature Cell

Í Ñ Ñ, OE @x97 Tw 3.933 0 Td [(C)-8.3 (ell)-8.2 ( )]TJ EMC



211



A



2022

2022

12 ,

52 ;

44

143

;2022

7

, 33

40

100% 22

22

3.





	0	0	0	0	0	0	0	0	0	0	0
	51	6	17	5	5	10	6	2	51	40	0
20				29				46			

2018 1

		196709			“ Dynamical systems	, 333

		195702				2013
		196711				
		198110				2016
		198410				2022
		196703				“333 2016
		196211				
		196804				

		196901				
		196406				
		198511				
		198512				
		196304			Algebra Colloquium	
		195704				
		196210				
		197608				
		197010				
		197011				
		198108				
		198309				
		198210				

	197711				
	198310				
	198209				
	198304				
	198408				
	198807				
	196710				
	196701				
	197602				
	197604				
	198203				
	198610				
	198806				
	197510				

|

|

|

|

|

|

|

)

(

333

|

		198611				
		199207				
		199012				

5 2018-2022

46 2300 9 1

2022 SCI SSCI AHCI

EI MEDLINE 60 1.2 2022

2

1

2

3

3

3



15

30

1

SCI (E)

2022

4

2022

8

8000

(1)

(2)

(3)

(4)

,

+

2022

2 22 1  
93% 22 1  
2

1

100%

2022

122

9

60%

2022

96%

3

3

2022

2022. 3-2026. 6

300

2022 12

12 31

1

2

3

29

2022

12

4

5

1

2

3

4

1

5

6

7



1				130	2019. 01- 2022. 12
2				53	2019. 01- 2022. 12
3	t-			52	2019. 01- 2022. 12
4				25	2019. 01- 2021. 12
5				20	2019. 01- 2021. 12
6				20	2019. 01- 2021. 12



7				23	2019. 01- 2021. 12
8				20	2018. 07- 2021. 12
9				20	2018. 07- 2021. 12
10				20	2018. 07- 2021. 12
11				10	2018. 07- 2021. 07
12				52	2020. 01- 2023. 12

13				51	2020. 01- 2023. 12
14				52	2020. 01- 2023. 12
15	Fock			53	2020. 01- 2023. 12
16				52	2020. 01- 2023. 12
17	Allen-Cahn/Cahn- Hilliard			3	2019. 07- 2021. 12
18	G_2 Langlands Arthur			52	2021. 01- 2024. 12
19				51	2021. 01- 2024. 12
20				50	2021. 01- 2024. 12

21				50	2021. 01- 2024. 12
22	q <sup>-</sup>			52	2021. 01- 2024. 12
23				24	2021. 01- 2023. 12
24				50	2020. 07- 2023. 07
25				20	2021. 01- 2021. 12
26			-	50	2022. 01- 2025. 12
27	Leray		-	48	2022. 01- 2025. 12

28			-	51	2022. 01- 2025. 12
29			-	51	2022. 01- 2025. 12
30			-	51	2022. 01- 2025. 12
31			-	51	2022. 01- 2025. 12
32			-	50	2022. 01- 2025. 12
33			-	200	2022. 01- 2025. 12

34			-	10	2021. 07- 2024. 06
35			-	60	2021. 07- 2024. 06
36			-	10	2022. 7- 2025. 6
37			-	20	2022. 7- 2025. 6
38	Prasad	Gan-Gross-	-	23	2023. 1- 2025. 12
39	t-			46	2023. 1- 2026. 12

			-		
40			-	45	2023. 1- 2026. 12
41	sofic		-	45	2023. 1- 2026. 12
42	pro-V		-	45	2023. 1- 2026. 12
43			-	45	2023. 1- 2026. 12
44	( ) Harish-Chandra		-	45	2023. 1- 2026. 12
45				300	2022. 12- 2027. 11

46				60	2022. 12- 2027. 11
5 ( )			2311		9. 2

1		On The Multiscale Landau-Lifshitz-Gilbert Equation: Two-Scale Convergence And Stability Analysis	Multiscale Modeling & Simulation
2		A Gauss-Seidel Projection Method With The Minimal Number Of Updates For Stray Field In Micromagnetic Simulations	Discrete & Continuous Dynamical Systems Series B
3		$\rho$ -Bounded Orbits And Arnold Tongues For Quasi Periodic Forced Circle Maps	Nonlinearity
4		New Infinite Classes Of 2-Chromatic Steiner Quadruple Systems	J. Combin. Des.
5		Large Sets Of $T$ -Designs Over Finite Fields Exist For All $T$ .	Des. Codes Cryptogr.
6		New Results On $L_r$ -Designs And $OL_{ktss}$ .	Discrete Math.
7		On Optimal $(Z_{6M} \times Z_{6N}, 4, 1)$ And $(Z_{2M} \times Z_{18N}, 4, 1)$ Difference Packings And Their Related Codes	J. Combin. Des
8		Combinational Constructions Of Splitting Authentication Codes With Perfect Secrecy,	Designs, Codes And Cryptography



9	Bilateral Multilevel Construction Of Constant Dimension Codes,	Advances In Mathematics Of Communications
10	Freiman T-Spread Principal Borel Ideals	Matematicheskie Zametk
11	The Facet Ideals Of Matching Complexes Of Line Graphs	Journal Of Algebraic Combinatorics
12	The Saturation Number Of C-Bounded Stable Monomial Ideals And Their Powers	Kyoto Journal Of Mathematics
13	Scattered Representations Of Complex Classical Lie Groups	Int. Math. Res. Not. Imrn
14	Dirac Series For Complex $E_7$ .	Forum Math.
15	Classification Of Simple Harish-Chandra Modules Over The Neveu-Schwarz Algebra And Its Contact Subalgebra	Journal Of Pure And Applied Algebra
16	Imaginary Modules Over The Affine Nappi- Witten Algebra	Acta Mathematica Sinica (English Series)
17	Electrical Lie Algebras, The Schrödinger Algebras And Their Representations	Journal Of Geometry And Physics
18	Existence And Regularity Of Solutions For A Class Offractional Laplacian Problems	Journal Of Differential Equations

19	A Rearrangement Minimization Problem Related To A Nonlinear Parametric Boundary Value Problem	Journal Of Mathematical Analysis And Applications
20	Solvable Optimization Problems Involving A P-Laplacian Type Operator	Applicable Analysis
21	An Approximating Approach To An Optimal Control Problem For An Elliptic Variational Inequality On A Mixed Boundary	Numerical Functional Analysis And Optimization
22	Existence Of Pareto Solutions For Vector Polynomial Optimization Problems With Constraints	Journal Of Optimization Theory And Applications
23	On Approximate Optimality Conditions For Robust Multi-Objective Convex Optimization Problems Optimization	Optimization
24	Vmo-Teichmuller Space On The Real Line	Ann. Fenn. Math
25	An Alternative For Minimal Group Actions On Totally Regular Curves.	J. Differential Equations
26	Topological Conjugation Classes Of Tightly Transitive Subgroups Of Homeo+(S1)	J. Dynam. Differential Equations
27	Congruences For Spt (N) Modulo Powers Of Primes	Journal Of Number Theory

28		On The Total Number Of Parts Functions Associated With Ranks Of Partitions Modulo 5 And 7	Ramanujan Journal
29		On Total Number Parts Functions Associated To Ranks Of Overpartitions	Journal Of Mathematical Analysis And Applications
30		Margulis-Ruelle Inequality For General Manifolds.	Ergodic Theory Dynam. Systems
31		Lower Bound In Pesin Formula Of $C^1$ Interval Maps.	Nonlinearity
32		Symbolic Extensions For 3-Dimensional Diffeomorphisms	J. Anal. Math.
33		Global Optimization Of Hyper-Parameters In Reservoir Computing	Electronic Research Archive
34		Analysis Of Injection Operators In Geometric Multigrid Solvers For Hdg Methods	Siam J. Numer. Anal
35		On The Abundance Of Sinai - Ruelle - Bowen Measures	Commun. Math. Phys
36		icme-14	

37	Existence And Asymptotic Behavior Of Large Axisymmetric Solutions For Steady Navier-Stokes System In A Pipe	Archiarchive For Rational Mechanics And Analysisve
38	Uniform Structural Stability Of Hagen-Poiseuille Flows In A Pipe	Communications In Mathematical Physics
39	On The Symmetric Algebra Of Certain First Syzygy Modules	Czechoslovak Mathematical Journal
40	The Element-Free Galerkin Method For The Variational - Hemivariational Inequality Of The Dynamic Signorini - Tresca Contact Problems With Friction In Elastic Materials	Communications In Nonlinear Science And Numerical Simulation Cnsns
41	The Interpolating Element-Free Galerkin Method For The P-Laplace Double Obstacle Mixed Complementarity Problem	Journal Of Global Optimization
42	Knot Placement For B-Spline Curve Approximation Via $L_{\infty}$ -Norm And Differential Evolution Algorithm	Journal Of Computational Mathematics
43	Isogeometric Analysis Based On Modified Loop Subdivision Surface With Improved Convergence Rates,	Computer Methods In Applied Mechanics And Engineering

44	Quasi-Interpolation For Analysis-Suitable T-Splines	Computer Aided Geometric Design
45	Counterexamples To Fujita'S Conjecture On Surfaces In Positive Characteristic	Advances In Mathematics
46	Surfaces On The Severi Line In Positive Characteristic	Transactions Of The American Mathematical Society
47	On The Stable Reduction Of Hyperelliptic Curves	The Tohoku Mathematica Journal
48	Two Harmonic Jacobi - Davidson Methods For Computing A Partial Generalized Singular Value Decomposition Of A Large Matrix Pair	Journal Of Scientific Computing
49	A Cross-Product Free Jacobi - Davidson Type Method For Computing A Partial Generalized Singular Value Decomposition Of A Large Matrix Pair	Journal Of Scientific Computing
50	The Finite Groups With Ic-Property Of Subgroups	Communications In Algebra,
51	On Nh-Embedded Subgroups Of Fifinite Groups,	Journal Of Algebra And Its Applications,

52		On $\pi$ -Property Of Subgroups Of A Finite Group,	Journal Of Algebra And Its Applications
53		On Some Cap-Subgroups Of Finite Groups	Bulletin Of The Iranian Mathematical Society
54		The Order Of The Product Of Two Elements	Indian J Pure Appl Math
55		A Self-Consistent-Field Iteration For Orthogonal Cca	Ieee Transactions On Pattern Analysis And Machine Intelligence
56		Solving The Cubic Regularization Model By A Nested Restarting Lanczos Method	Siam Journal On Matrix Analysis And Applications
57		Solving Symmetric And Positive Definite Second-Order Cone Linear Complementarity Problem By A Rational Krylov Subspace Method	Applied Numerical Mathematics
58		On The Tip Sharpness Of Riblets For Turbulent Drag Reduction	Acta Mechanica Sinica
59		Frobenius Categories Over A Triangular Matrix Ring And Comma Categories	Communications In Algebra

60		An Extension Of The Poincaré-Birkhoff Theorem For Hamiltonian Systems Coupling Resonant Linear Components With Twisting Components	J. Differential Equations
61		Subharmonic Solutions Of Bounded Coupled Hamiltonian Systems With Sublinear Growth	Communications On Pure & Applied Analysis,
62		Sharp Lower Bound For The First Eigenvalue Of The Weighted $p$ -Laplacian	Mathematical Research Letters
63		Spherical Contact Toric Manifolds,	Proceedings Of The American Mathematical Society

2022

1	20184007006		(070102)		
2	20194007002		(070101)		
3	20194007003		(070101)		
4	20194007005		(070101)		
5	20194007006		(070101)		
6	20194007010		(070102)		
7	20194007011		(070104)		

2022

1	20194207001		(070100)		



2	20194207002		(070100)		
3	20194207003		(070100)		
4	20194207004		(070100)		
5	20194207006		(070100)		
6	20194207007		(070100)		
7	20194207008		(070100)		
8	20194207009		(070100)		
9	20194207010		(070100)		
10	20194207011		(070100)		
11	20194207013		(070100)		
12	20194207014		(070100)		
13	20194207015		(070100)		
14	20194207017		(070100)		
15	20194207018		(070100)		
16	20194207019		(070100)		

17	20194207020		(070100)		
18	20194207022		(070100)		
19	20194207023		(070100)		
20	20194207024		(070100)		
21	20194207025		(070100)		
22	20194207026		(070100)		
23	20194207027		(070100)		
24	20194207028		(070100)		
25	20194207030		(070100)		
26	20194207031		(070100)		
27	20194207032		(070100)		
28	20194207034		(070100)		
29	20194207035		(070100)		

30	20194207036		(070100)		
31	20194207037		(070100)		
32	20194207038		(070100)		
33	20194207040		(070100)		