

The background of the slide features a large, faint, circular seal of Fudan University. The seal contains the university's name in English, "FUDAN UNIVERSITY", around the top edge and the Chinese characters "復旦大學" in the center.

MathSciNet使用方法

——数学及数学交叉学科科研利器——

图书馆参考咨询部 李梅



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1

MathSciNet简介

Introduction



- ◆ 《数学评论》（Mathematical Reviews）1940年创刊，内含对数学、统计学与计算科学领域出版物的摘要和评论内容。MathSciNet 是《数学评论》网络版。
- ◆ MathSciNet收录超过300 万篇文章书籍，超过2000种期刊，其中70%的文献提供DOI链接，最早记录已回溯至1800s。
- ◆ MathSciNet为全球超100万名学者提供同行交流平台，为每名学者创建了个人信息页，并将同一学者的不同署名做了归一化处理。



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1. 校园网直接IP认证, 无需登录;
2. 校外需要使用[校外访问](#)连接方式;
3. MathSciNet提供远程访问(remote access)方式, 个人终端设备在校内IP环境下[设置](#)成功后, 校外可以不用重新设置网络而正常使用MathSciNet (90天内)。



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Q Search

[Show Search History](#)

Search Terms

Author Author s

Title Title sea

Review Text Review T

Journal Journal s

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1

MathSciNet主页面

The screenshot shows the MathSciNet homepage with the following elements and annotations:

- Logo:** AMERICAN MATHEMATICAL SOCIETY MATHSCINET MATHEMATICAL REVIEWS
- Navigation Links:** Home, Resources, Reviewers, Free To
- Search Options:** Publications, Authors, Journals, Series, Search MSC. A yellow callout bubble labeled "4种检索功能" (4 search functions) points to these links. A red box highlights the "Search MSC" link, with a yellow callout bubble labeled "MSC检索" (MSC search) pointing to it.
- Search Bar:** A search bar with a magnifying glass icon and the text "Search". A yellow callout bubble labeled "常规检索界面" (Classic search interface) points to the search bar. Below the search bar is a link "Show Search History".
- User Information:** A red box highlights "Fudan University" with a "90" icon and a globe icon. A yellow callout bubble labeled "IP登录成功" (IP login successful) points to this information.
- Interface Options:** Two buttons are visible: "Show Classic Interface" and "Show All Fields". A yellow callout bubble labeled "现代检索界面" (Modern search interface) points to the "Show All Fields" button.





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[Hide Classic Interface](#)

Search



[Show Search History](#)

[Show All Fields](#)

Search Terms

Author	Author search term	and
Title	Title search term	and
Review Text	Review Text search term	and
Journal	Journal search term	

检索字段
之间可以
组合检索

Time Frame

☒ All Time

☐ = Year

☐ Year Range to

Publication Type

☒ All

☐ Books

☐ Journals

检索条件限定

Search

Clear





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Fudan University 90

[Publications](#) [Authors](#) [Journals](#) [Series](#) [Search MSC](#)

[Show Classic Interface](#)

[Q Search](#)



[Show Search History](#)

[Hide All Fields](#)

[Standard](#)

[Advanced](#)

[Syntax](#)

[any:](#) Anywhere

Search anywhere
(including reference list)
for the entered text

[au:](#) Author Name

[inst:](#) Institution Name

*inst:(University of
Michigan)*
Search by the institution
an author was at when
the publication was
written

[j:](#) Journal Name

[mr:](#) MR Number

mr:1234567
The Mathematical
Reviews number.

[pc:](#) MSC Primary

pc:03B47
A 2-, 3-, or 5-digit MSC
Code

[pcsc:](#) MSC Primary or
Secondary

pcsc:03B47
A 2-, 3-, or 5-digit MSC
Code, in either the
primary or secondary
classification

[pt:](#) Publication Type

pt:"article"
Options include: article,
book, book collection,
collection, collection
article, journal, thesis

[r:](#) Review

Search within review or
summary text

[rs:](#) Review Status

[ti:](#) Title

[y:](#) Publication Year

y:[YYYY]

多个检索代码检索
默认逻辑符为AND,
也可以使用其他逻辑
符进行组合检索。

Publications Authors Journals Series Search MSC

Show Classic Interface

Q Search × 📅 🔍

Hide Search History Hide All Fields

Standard **Advanced** Syntax

<p>ac: Authors Count The number of authors an article has</p> <p>au: MR Author ID An ID for a specific author, commonly used in URLs</p> <p>cgp: Citation Group ID Returns papers that cited the entered Journal Group ID</p> <p>cid: Collection ID The MR Number for the publication which has a collection of papers in it</p>	<p>cp: Citation MR Number Returns papers that cited the entered MR Number</p> <p>csp: Citation Series ID Returns papers that cited the entered Series ID</p> <p>cy: Citation Publication Year <i>cy:[YYYY]</i></p> <p>di: Date Cataloged <i>di:[YYYY-MM-DD]</i> Date when the completed bibliographic information was added to MathSciNet</p>	<p>doi: DOI Search for the Digital Object Identifier</p> <p>dr: Date Reviewed <i>dr:[YYYY-MM-DD]</i> Date when the review was added to MathSciNet</p> <p>gi: Journal Group ID A numerical ID used when a journal has changed over its history</p>	<p>iaddr: Institution Address <i>iaddr:(Ann Arbor, Michigan)</i> Address for the institution an author was at when the publication was written</p> <p>ic: Institution Code <i>ic:"F-PARIS11"</i> A way of identifying what institution an author was at when the publication was written</p> <p>isbn: ISBN</p> <p>iss: Issue</p> <p>issn: ISSN</p>	<p>ji: Journal ID A numerical ID for the journal, commonly used in URLs</p> <p>mp: Date Added <i>mp:[YYYY-MM-DD]</i> Date when the initial bibliographic information was added to MathSciNet</p> <p>rl: Reference List Search the reference list for the entered text</p> <p>rn: Reviewer <i>rn:"Last name, first name"</i></p>	<p>sc: MSC Secondary <i>sc:03B47</i> A 2-, 3-, or 5-digit MSC Code</p> <p>se: Series Name</p> <p>si: Series ID A numerical ID for the series, commonly used in URLs</p> <p>tt: Translated Title The title of a paper translated into English</p> <p>v: Volume</p>
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2

出版物检索

Publications



出版物检索可以检索期刊文章、会议文章、书籍、书籍章节、学位论文等。

The screenshot shows the MathSciNet search interface. The 'Publications' tab is highlighted with a red box. A search bar is at the top with a magnifying glass icon and a 'Search' button. Below the search bar, there are four search term input fields: 'Author search term', 'Title search term', 'Review Text search term', and 'Journal search term'. A dropdown menu for 'Search Terms' is open, showing options like 'Author', 'Title', 'Review Text', 'Journal', 'Series', 'MSC Primary', 'MSC Secondary', 'MR Number', 'DOI', 'Reviewer', and 'Anywhere'. A yellow callout points to the 'Author' option in the dropdown, labeled '检索字段'. Another yellow callout points to the search term input fields, labeled '检索内容不区分大小写'. To the right of the input fields, there are three 'and' buttons with dropdown arrows, with a yellow callout pointing to them labeled '布尔逻辑算符'. At the bottom, there are 'Search' and 'Clear' buttons. The 'Publication Type' section has radio buttons for 'All', 'Books', and 'Journals'. The 'Year Range' section has input fields for 'Year Range' and 'to'.

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Publications Authors Journals Series Search MSC

Hide Classic Interface

Search

Show Search History

Show All Fields

Search Terms

Author

Author

Title

Review Text

Journal

Series

MSC Primary

MSC Secondary

MR Number

DOI

Reviewer

Anywhere

Author search term

Title search term

Review Text search term

Journal search term

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Publication Type

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Journals

Year Range

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检索字段

检索内容不区分大小写

布尔逻辑算符

Publications Authors Journals Series Search MSC

Search

Show Search History

Search Terms

Author Author search term

Title "nonlinear equation"

Review Text Review Text search term

Journal Journal search term

Time Frame

☒ All Time

Publication Type

☒ All

☐ Books

Search Results

Filters Newest Export

20 First

4,779 results

MR4641596 - An efficient modified residual-based algorithm for large scale symmetric nonlinear equations by approximating successive iterated gradients

Guo, Jie; Wan, Zhong

J. Comput. Appl. Math. **438** (2024), Paper No. 115552.

Publications Authors Journals Series Search MSC

Search

Show Search History

Search Terms

Author Author search term

Title nonlinear equation

Review Text Review Text search term

Journal Journal search term

Time Frame

☒ All Time

Publication Type

☒ All

☐ Books

Search Results

Filters Newest Export

20 First

50,366 results

MR4652798 - Existence, uniqueness, and numerical approximation of solutions of a nonlinear functional integral equation

Bazm, Sohrab; Hosseini, Alireza; Azevedo, Juarez S.; Pahlevani, Fatemeh

J. Comput. Appl. Math. **438** (2024), Paper No. 115602.

- 注意“”精确检索符的应用
- 精确检索符要用半角格式

Publications Authors Journals Series Search MSC

Q Search

Show Search History

Search Terms

Author Author search term

Title "nonlinear equation"

Review Text Review Text search term

Journal Journal search term

Time Frame

☒ All Time

Publication Type

☒ All

Search Results

Filters Newest Export

20 First

4,779 results

MR4641596 - An efficient modified residual-based algorithm for large scale symmetric nonlinear equations by approximating successive iterated gradients

Guo, Jie; Wan, Zhong

J. Comput. Appl. Math. **438** (2024), Paper No. 115552.

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Publications Authors Journals Series Search MSC

Q Search

Show Search History

Search Terms

Author Author search term

Title "nonlinear equa*"

Review Text Review Text search term

Journal Journal search term

Time Frame

☒ All Time

Publication Type

☒ All

Search Results

Filters Newest Export

20 First

4,839 results

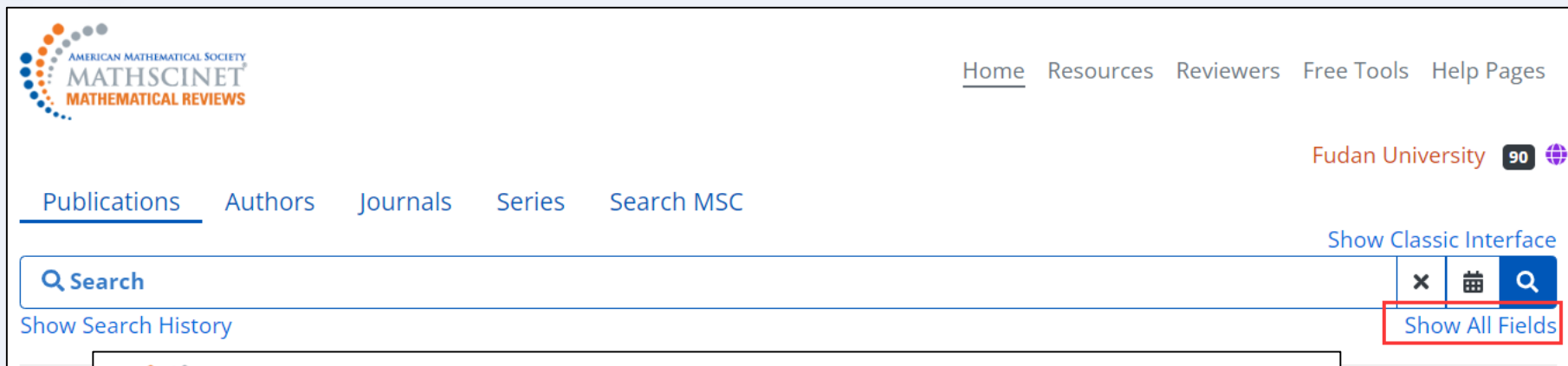
MR4641596 - An efficient modified residual-based algorithm for large scale symmetric nonlinear equations by approximating successive iterated gradients

Guo, Jie; Wan, Zhong

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Standard Advanced Syntax

any: Anywhere
Search anywhere
(including reference list)
for the entered text

au: Author Name

inst: Institution Name
inst:(University of Michigan)
Search by the institution
an author was at when
the publication was
written

j: Journal Name

mr: MR Number
mr:1234567
The Mathematical
Reviews number.

pc: MSC Primary
pc:03B47
A 2-, 3-, or 5-digit MSC
Code

pcsc: MSC Primary or
Secondary
pcsc:03B47
A 2-, 3-, or 5-digit MSC
Code, in either the
primary or secondary
classification

pt: Publication Type
pt:"article"
Options include: article,
book, book collection,
collection, collection
article, journal, thesis

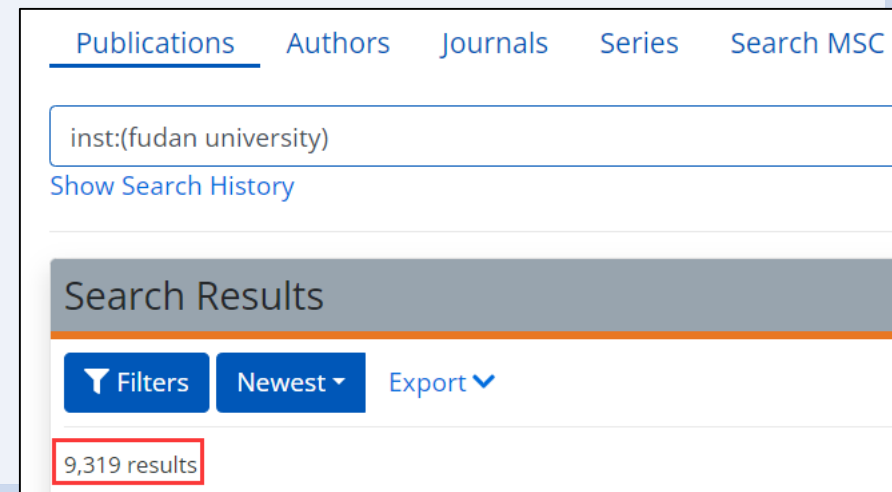
y: Publication Year
y:[YYYY]

r: Review
Search within review or
summary text

rs: Review Status

ti: Title

检索“复旦大学”发文



Publications Authors Journals Series Search MSC

inst:(fudan university)

Show Search History

Search Results

Filters Newest Export

9,319 results

2 出版物检索——标题+机构字段检索

Fudan University

Publications

Authors

Journals

Series

Search MSC

Show Classic Interface

ti:("nonlinear equation") inst:(fudan university)

Show Search History

Hide All Fields

Standard

Advanced

Syntax

any: Anywhere

Search anywhere (including reference list) for the entered text

au: Author Name

inst: Institution Name

inst:(University of Michigan)

Search by the institution an author was at when the publication was written

j: Journal Name

mr: MR Number

mr:1234567

The Mathematical Reviews number.

pcsc: MSC Primary or Secondary

pcsc:03B47

A 2-, 3-, or 5-digit MSC Code, in either the primary or secondary classification

pt: Publication Type

pt:"article"

Options include: article, book, book collection, collection, collection article, journal, thesis

y: Publication Year

y:[YYYY]

r: Review

Search within review or summary text

rs: Review Status

ti: Title

Search Results

Filters

Newest

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19 results

复旦大学发表有关非线性方程的发文

Fudan University 90

Publications Authors Journals Series Search MSC

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Su Bu Qing ory Hide All Fields

Standard Advanced Syntax

any: Anywhere Search anywhere (including reference list) for the entered text au: Author Name	j: Journal Name mr: MR Number <i>mr:1234567</i> The Mathematical Reviews number.	pcsc: MSC Primary or Secondary <i>pcsc:03B47</i> A 2-, 3-, or 5-digit MSC Code, in either the primary or secondary classification	pt: Publication Type <i>pt:"article"</i> Options include: article, book, book collection, collection, collection article, journal, thesis	y: Publication Year <i>y:[YYYY]</i>
inst: Institution Name <i>inst:(University of Michigan)</i> Search by the institution an author was at when the publication was written	pc: MSC Primary <i>pc:03B47</i> A 2-, 3-, or 5-digit MSC Code		r: Review Search within review or summary text	rs: Review Status ti: Title

自动补充相
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Publication Type

☒ All

☐ Books

☐ Journals

Search

Clear

输入MSC

MSC

数学主题分类

一级分类

MSC

35

(1940-now) Partial differential equations

35A

(1973-now) General topics in partial differential equations

35A01

(2010-now) Existence problems for PDEs: global existence, local existence, non-existence

35A02

(2010-now) Uniqueness problems for PDEs: global uniqueness, local uniqueness, non-uniqueness

35A08

(1980-now) Fundamental solutions to PDEs

35A09

(2010-now) Classical solutions to PDEs

35A10

(1973-now) Cauchy-Kovalevskaya theorems

35A15

(1973-now) Variational methods applied to PDEs

35A16

(2010-now) Transformation and monotonicity methods applied to PDEs

35A17

(2010-now) Problems in context of PDEs

35A18

(2010-now) Problems in context of PDEs

35A20

(1973-now) Analyticity in context of PDEs

35A21

(2000-now) Singularity in context of PDEs

35A22

(1973-now) Transform methods (e.g., integral transforms) applied to PDEs

35A23

(2010-now) Inequalities applied to PDEs involving derivatives, differential and integral operators, or integrals

35A24

(2010-now) Methods of ordinary differential equations applied to PDEs

35A25

(1973-now) Other special methods applied to PDEs

35A27

(1980-now) Microlocal methods and methods of sheaf theory and homological algebra applied to PDEs [See also 32C38, 58J15]

35A30

(1973-now) Geometric theory, characteristics, transformations in context of PDEs [See also 58J70, 58J72]

35A35

(1973-now) Theoretical approximation in context of PDEs {For numerical analysis, see 65Mxx, 65Nxx}

35A99

(1973-now) None of the above, but in this section

35B

(1973-now) Qualitative properties of solutions to partial differential equations

35B05

(1973-now) Oscillation, zeros of solutions, mean value theorems, etc. in context of PDEs

35B06

(2010-now) Symmetries, invariants, etc. in context of PDEs

35B07

(2010-now) Axially symmetric solutions to PDEs

35B08

(2010-now) Entire solutions to PDEs

35B09

(2010-now) Positive solutions to PDEs

35B10

(1973-now) Periodic solutions to PDEs

35B15

(1973-now) Almost and pseudo-almost periodic solutions to PDEs

35B20

(1973-now) Perturbations in context of PDEs

35B25

(1973-now) Singular perturbations in context of PDEs

35B27

(1991-now) Homogenization in context of PDEs; PDEs in media with periodic structure [See also 74Q05, 74Q10, 76M50, 78M40, 80M40]

35B30

(1973-now) Dependence of solutions to PDEs on initial and/or boundary data and/or on parameters of PDEs [See also 37Cxx]

35B32

(1980-now) Bifurcations in context of PDEs [See also 34C23, 34F10, 34H20, 37F46, 37Gxx, 37H20, 35J20, 37L10, 37M20, 47J15, 58E05, 58E07, 58J55, 74G60, 74H60]

35B33

(2000-now) Critical exponents in context of PDEs

35B34

(2000-now) Resonance in context of PDEs [See also 34F15, 70J40, 70K28, 70K30, 81U24]

35B35

(1973-now) Stability in context of PDEs [See also 34Dxx, 37B25, 37C20, 37C75, 37F15, 37J25, 37K45, 37L15, 49K40, 58K25, 93Dxx]

二级分类

三级分类

MSC检索



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检索MSC

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MSC文档

MSC 2020

Mathematics Subject Classification

Search Classifications

Search

Clear

[Show Historical Classes](#)

[Download PDF](#)

Enter a keyword or phrase or a 2-, 3-, or 5-digit classification

- ▶ **00** (1940–now) General and overarching topics; collections
- ▶ **01** (1940–now) History and biography [See also the classification number --03 in the other sections]
- ▶ **03** (1980–now) Mathematical logic and foundations
- ▶ **05** (1940–now) Combinatorics For finite fields, see [11Txx](#)
- ▶ **06** (1940–now) Order, lattices, ordered algebraic structures [See also [18B35](#)]
- ▶ **08** (1959–now) General algebraic systems
- ▶ **11** (1980–now) Number theory
- ▶ **12** (1959–now) Field theory and polynomials
- ▶ **13** (1959–now) Commutative algebra
- ▶ **14** (1940–now) Algebraic geometry
- ▶ **15** (1940–now) Linear and multilinear algebra; matrix theory

1 / 224 | — 67% + |

MSC2020-Mathematics Subject Classification System

Associate Editors of Mathematical Reviews and zbMATH

- | | |
|---|--|
| 00 General and overarching topics; collections | 45 Integral equations |
| 01 History and biography | 46 Functional analysis |
| 03 Mathematical logic and foundations | 47 Operator theory |
| 05 Combinatorics | 49 Calculus of variations and optimal control; optimization |
| 06 Order, lattices, ordered algebraic structures | 51 Geometry |
| 08 General algebraic systems | 52 Convex and discrete geometry |
| 11 Number theory | 53 Differential geometry |
| 12 Field theory and polynomials | 54 General topology |
| 13 Commutative algebra | 55 Algebraic topology |
| 14 Algebraic geometry | 57 Manifolds and cell complexes |
| 15 Linear and multilinear algebra; matrix theory | 58 Global analysis, analysis on manifolds |
| 16 Associative rings and algebras | 60 Probability theory and stochastic processes |
| 17 Nonassociative rings and algebras | 62 Statistics |
| 18 Category theory; homological algebra | 65 Numerical analysis |
| 19 K-theory | 68 Computer science |
| 20 Group theory and generalizations | 70 Mechanics of particles and systems |
| 22 Topological groups, Lie groups | 74 Mechanics of deformable solids |
| 26 Real functions | 76 Fluid mechanics |
| 28 Measure and integration | 78 Optics, electromagnetic theory |
| 30 Functions of a complex variable | 80 Classical thermodynamics, heat transfer |
| 31 Potential theory | 81 Quantum theory |
| 32 Several complex variables and analytic spaces | 82 Statistical mechanics, structure of matter |
| 33 Special functions | 83 Relativity and gravitational theory |
| 34 Ordinary differential equations | 85 Astronomy and astrophysics |
| 35 Partial differential equations | 86 Geophysics |
| 37 Dynamical systems and ergodic theory | 90 Operations research, mathematical programming |
| 39 Difference and functional equations | 91 Game theory, economics, social and behavioral sciences |
| 40 Sequences, series, summability | 92 Biology and other natural sciences |
| 41 Approximations and expansions | 93 Systems theory; control |
| 42 Harmonic analysis on Euclidean spaces | 94 Information and communication, circuits |
| 43 Abstract harmonic analysis | 97 Mathematics education |
| 44 Integral transforms, operational calculus | |



MSC检索

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MSC 2020

Mathematics Subject Classification

[Search](#)[Clear](#)[Show Historical Classes](#)

Enter a keyword or phrase or a 2-, 3-, or 5-digit classification

- ▶ **00** (1940–now) General and overarching topics; collections
- ▶ **01** (1940–now) History and biography [See also the classification number --03 in the other
- ▶ **03** (1980–now) Mathematical logic and foundations
- ▶ **05** (1940–now) Combinatorics For finite fields, see [11Txx](#)
- ▶ **06** (1940–now) Order, lattices, ordered algebraic structures [See also [18B35](#)]
- ▶ **08** (1959–now) General algebraic systems
- ▶ **11** (1980–now) Number theory
- ▶ **12** (1959–now) Field theory and polynomials
- ▶ **13** (1959–now) Commutative algebra

MSC 2020

Mathematics Subject Classification

[Search](#)[Clear](#)[Show Historical Classes](#)[Download PDF](#)

Enter a keyword or phrase or a 2-, 3-, or 5-digit classification

▼ **11** (1980–now) Number theory

- 11-00** (1980–now) General reference works (handbooks, dictionaries, bibliographies, etc.) pertaining to number theory
- 11-01** (1980–now) Introductory exposition (textbooks, tutorial papers, etc.) pertaining to number theory
- 11-02** (1980–now) Research exposition (monographs, survey articles) pertaining to number theory
- 11-03** (1980–now) History of number theory [Consider also classification numbers from Section 01]
- 11-04** (1980–now) Software, source code, etc. for problems pertaining to number theory
- 11-06** (1980–now) Proceedings, conferences, collections, etc. pertaining to number theory
- 11-11** (2020–now) Research data for problems pertaining to number theory
- ▼ **11A** (1980–now) Elementary number theory For analogues in number fields, see [11R04](#)
 - 11A05** (1980–now) Multiplicative structure; Euclidean algorithm; greatest common divisors
 - 11A07** (1980–now) Congruences; primitive roots; residue systems
 - 11A15** (1980–now) Power residues, reciprocity
 - 11A25** (1980–now) Arithmetic functions; related numbers; inversion formulas
 - 11A41** (1980–now) Primes
 - 11A51** (1980–now) Factorization; primality

MSC检索



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[MSC](#)

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au: [Author Name](#)

inst: [Institution Name](#)

*inst:(University of
Michigan)*
Search by the institution
an author was at when
the publication was
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j: [Journal Name](#)

mr: [MR Number](#)

mr:1234567
The Mathematical
Reviews number.

pc: [MSC Primary](#)

pc:03B47
A 2-, 3-, or 5-digit MSC
Code

pcsc: [MSC Primary or
Secondary](#)

pcsc:03B47
A 2-, 3-, or 5-digit MSC
Code, in either the
primary or secondary
classification

pt: [Publication Type](#)

pt:"article"
Options include: article,
book, book collection,
collection, collection
article, journal, thesis

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summary text

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MSC检索



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Fudan University

Publications Authors Journals

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pc:"14C30" iaddr:(china)

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Standard **Advanced** Syntax

ac: Authors Count The number of authors an article has	cp: Citation MR Number Returns papers that cited the entered MR Number	doi: DOI Search for the Digital Object Identifier	iaddr: Institution Address <i>iaddr:(Ann Arbor, Michigan)</i> Address for the institution an author was at when the publication was written	ji: Journal ID A numerical ID for the journal, commonly used in URLs	sc: MSC Secondary <i>sc:03B47</i> A 2-, 3-, or 5-digit MSC Code
auid: MR Author ID An ID for a specific author, commonly used in URLs	csp: Citation Series ID Returns papers that cited the entered Series ID	dr: Date Reviewed <i>dr:[YYYY-MM-DD]</i> Date when the review was added to MathSciNet	ic: Institution Code <i>ic:"F-PARIS11"</i> A way of identifying what institution an author was at when the publication was written	mp: Date Added <i>mp:[YYYY-MM-DD]</i> Date when the initial bibliographic information was added to MathSciNet	se: Series Name
cgp: Citation Group ID Returns papers that cited the entered Journal Group ID	cy: Citation Publication Year <i>cy:[YYYY]</i>	gi: Journal Group ID A numerical ID used when a journal has changed over its history	isbn: ISBN	rl: Reference List Search the reference list for the entered text	si: Series ID A numerical ID for the series, commonly used in URLs
cid: Collection ID The MR Number for the publication which has a collection of papers in it	di: Date Cataloged <i>di:[YYYY-MM-DD]</i> Date when the completed bibliographic information was added to MathSciNet		iss: Issue	rn: Reviewer <i>rn:"Last name, first name"</i>	tt: Translated Title The title of a paper translated into English
			issn: ISSN		v: Volume

检索“超限方法、霍奇理论”中国发文

MSC检索

Fudan University

Publications Authors Journals Series Search MSC

Hide Classic Interface

Search

Show Search History

Search Terms

Author

Tao, Terence C.

MSC Primary

11

Review Text

Review Text search term

Journal

Journal search term

Time Frame

☒ All Time

☐ =

Year

yyyy

☐ Year Range

yyyy

 to

yyyy

Search

Clear

检索陶哲轩发表的有关数论的文章

Publications Authors Journals Series Search MSC

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au:"Tao, Terence C." mr:(11)

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Standard Advanced Syntax

any: Anywhere
Search anywhere (including reference list) for the entered text

au: Author Name
inst:(University of Michigan)
Search by the institution an author was at when the publication was written

j: Journal Name
mr: MR Number
mr:1234567
The Mathematical Reviews number.

pc: MSC Primary
pc:03B47
A 2-, 3-, or 5-digit MSC Code

pcsc: MSC Primary or Secondary
pcsc:03B47
A 2-, 3-, or 5-digit MSC Code, in either the primary or secondary classification

pt: Publication Type
pt:"article"
Options include: article, book, book collection, collection, collection article, journal, thesis

y: Publication Year
y:[YYYY]

r: Review
Search within review or summary text

rs: Review Status

ti: Title

Search Results

Filters Newest Export

81 results

3

作者检索

Authors



作者检索用于检索某一特定作者的资料，包括该作者已发表的成果/评论，合作者信息、合作距离、作者师承关系等。

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Publications **Authors** Journals Series Search MSC

hua Luo g

Hua Luo Geng

Luo Hua Gui

Luo Hua Geng

可以自动补充相近作者姓名

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Hua, Luo Geng

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MR Author ID	213801
Earliest Indexed Publication	1935
Total Publications	166
Total Related Publications	42
Total Reviews	41
Total Citations	2,361 in 1,931 publications
Unique Citing Authors	1,993

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作者基本信息：作者出版、评论、合作者、合作者距离、师承关系、引用信息

Classifications (25)			Coauthors (17)	
◆ Classification	◆ Publications	◆ Citations	◆ Name	◆ Collaborations
10 - Number theory	57	948	Wang, Yuan ¹	11
30 - Functions of a complex variable	20	189	Lu, Qi Keng	6
09 - Classical algebra	13	315	Min, Szu-Hoa	5
90 - Operations research, mathematical programming	10	1	Rosenfeld, Boris Abramovich	4
99 - Other	9	21	Vandiver, Harry Schultz	4
<a>Show More <a>Show All <a>Show Less			<a>Show More <a>Show All <a>Show Less	

已发表成果的
MSC分类信息

合作者信息




Gu, Chao Hao

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MR Author ID	198458
Earliest Indexed Publication	1950
Total Publications	98
Total Related Publications	19
Total Reviews	1
Total Citations	486 in 399 publications
Unique Citing Authors	504

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师承关系



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Chaohao Gu

[MathSciNet](#)

Doktor nauk [Lomonosov Moscow State University](#) 1959


Dissertation: *Some General Properties of the Pseudogroups of Transformations and Applications to Differential Geometry*

Mathematics Subject Classification: 53—Differential geometry

Advisor: [Petr Konstantinovich Rashevskii](#)

Students:

Click [here](#) to see the students listed in chronological order.



Name	School	Year	Descendants
Chen, Lizhou	Fudan University	2007	
Chen, Shuxing			36
Chen, Yunmei	Fudan University	1985	9
Ding, Qing	Fudan University	1993	
Hong, Jiaxing	Fudan University	1981	2
Ji, Qingchun	Fudan University	2004	
Li, Ta-Tsien	Fudan University		26
Xie, Naqing	Fudan University	2007	
Zheng, Song Mu	Fudan University		14
Zhou, Lingjun	Fudan University	2006	
Zhou, Zixiang	Fudan University	1989	1

According to our current on-line database, Chaohao Gu has 11 [students](#) and 75 [descendants](#).

We welcome any additional information.


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毕业院校和毕业年份

毕业论文题目

导师

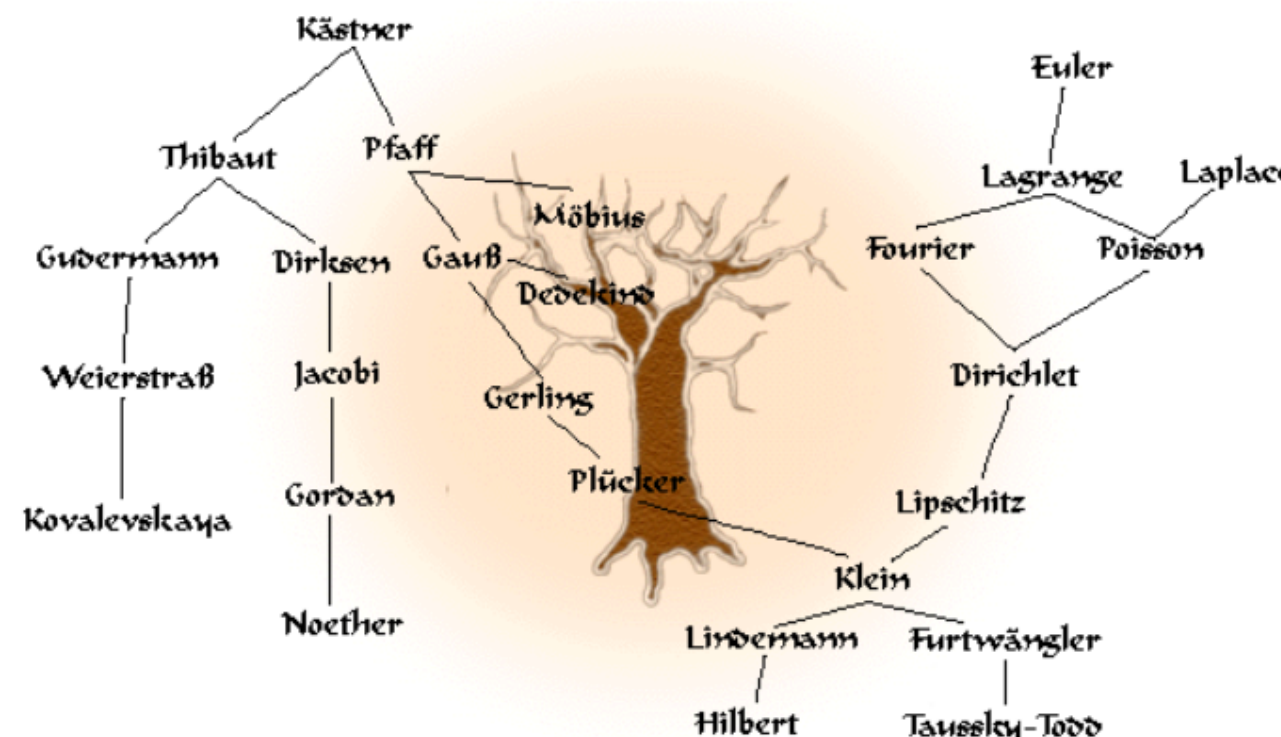
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298022 records as of 13 October 2023

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北达科他州立大学 (NDSU) 与AMS合作的数学家谱项目。

4

期刊检索

Journals



期刊检索用于检索某一特定期刊的信息。

Publications Authors Journals Series Search MSC

Search

Hide Search History Hide All Fields

Standard Syntax

issn: ISSN j: Journal Name p: Publisher st: Journal Abbreviation

tran

Hide All Fields

自动提示相近期刊名称

Transactions of the American Mathematical Society. Series	
I.R.E. Trans.	
IRE Trans.	
Trans. IRE	
Transactions of the American Mathematical Society	ISSN: 0002-9947
Énerget. i Transport	
Amer. Math. Soc. Transl. (2)	
Trans. Amer. Soc. Mech. Eng.	
Amer. Math. Soc. Translation	
Philos. Trans. Roy. Soc. London	

期刊概况

该期刊被
MathSciNet收
录的文章数量

该期刊出版的文
章被MathSciNet
引用的总次数

Profile for

Transactions of the American Mathematical Society



Journal Details

Title	Transactions of the American Mathematical Society
Abbreviation	Trans. Amer. Math. Soc.
Publisher	Amer. Math. Soc.
Websites	ams.org jstor.org
ISSN (Print)	0002-9947
ISSN (Online)	1088-6850
Frequency	12 issues/vol./yr.
Publications Listed	18,885
Reference Lists	1916 to Present
Latest Issue	2023, vol. 376, no. 10
Earliest Issue	1900, vol. 1, no. 1
Coverage	Cover-to-cover
Publications Cited	15,948 (84.4% of publications)
Citations	274,364 from 190,830 publications

Recent Issues

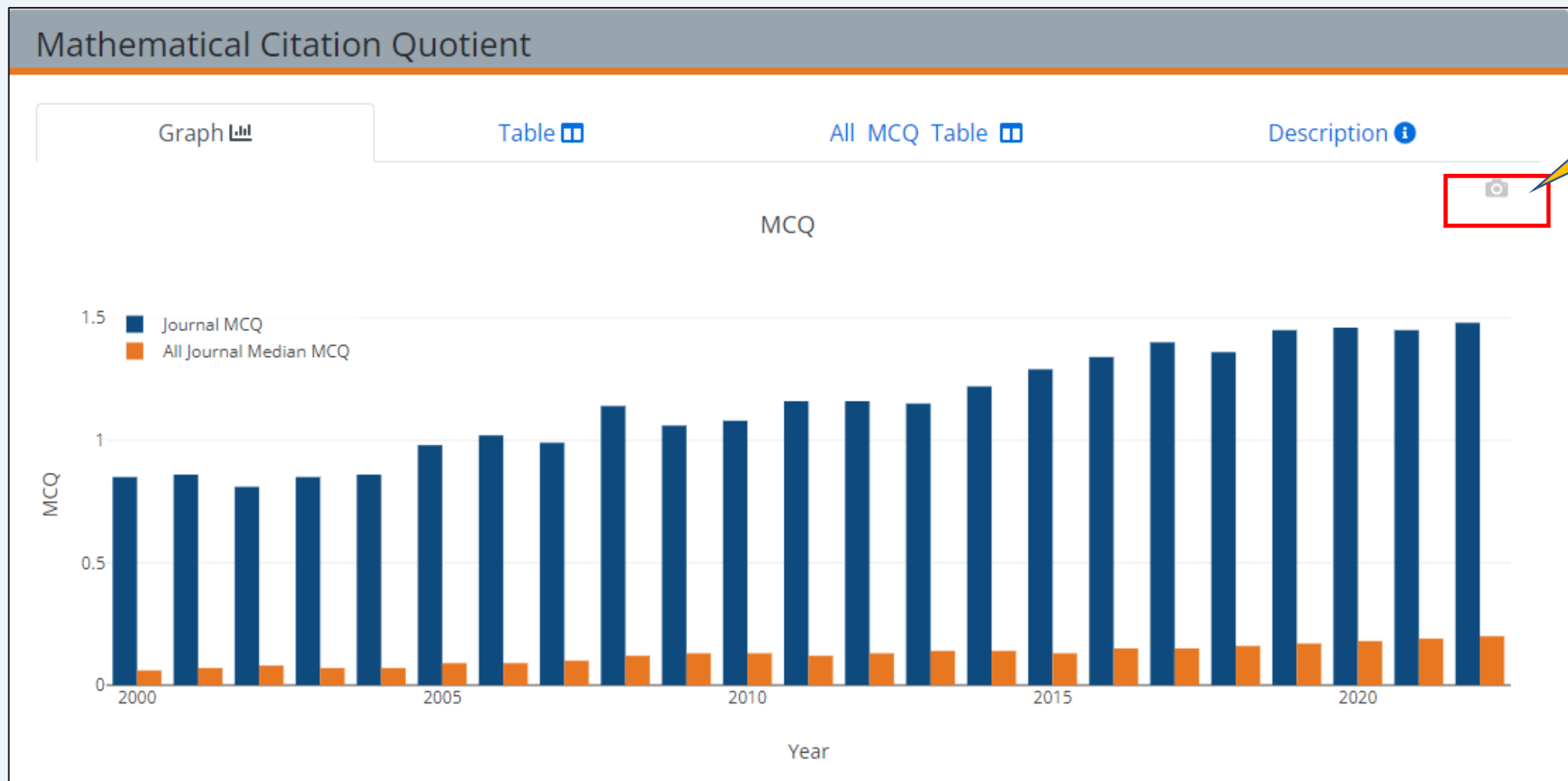
2023, vol. 376, no. 10
2023, vol. 376, no. 9
2023, vol. 376, no. 8

List All Issues

Journal Title History

Title	Start	End
Trans. Amer. Math. Soc.	1900	—

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近年MCQ（数学引用指数）趋势

期刊被引用情况



引用该期刊最
多的期刊列表

Graph Table Top Citters Graph Top Citters Table Description

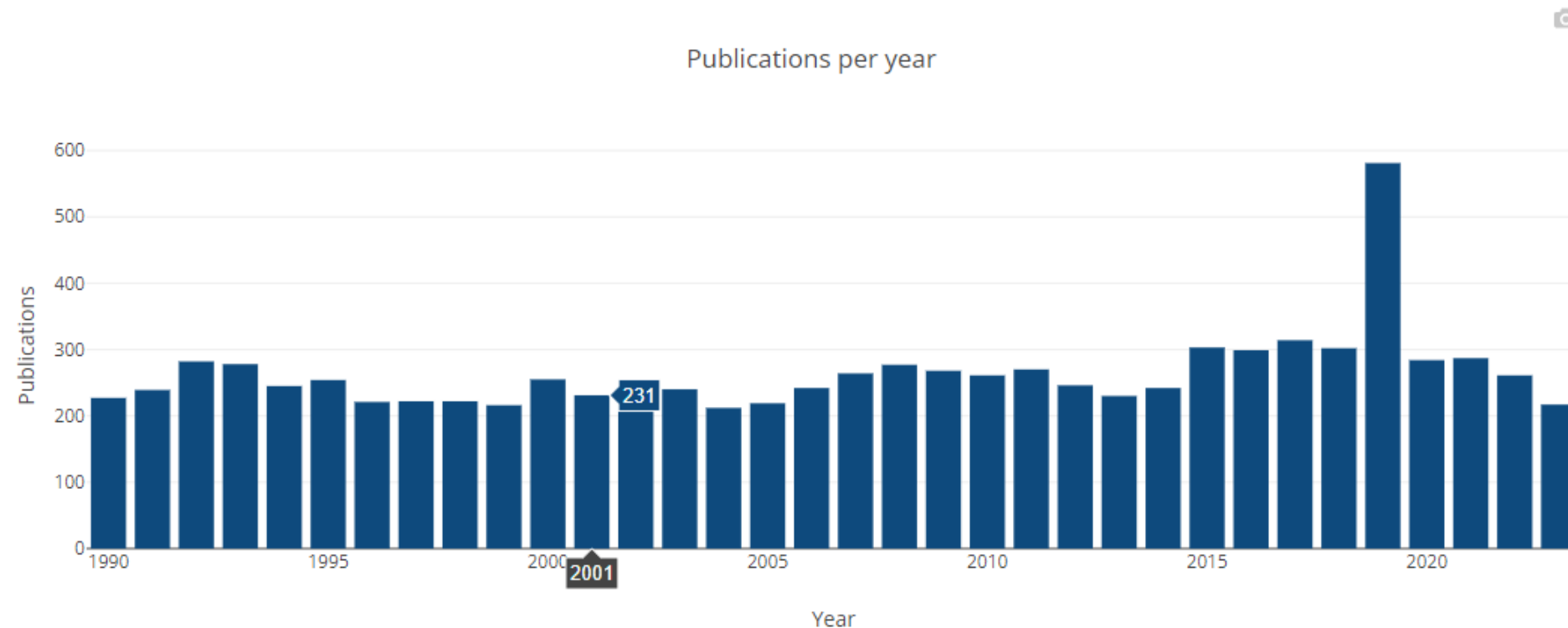
Top Citing Publications

Publication	Citations
Trans. Amer. Math. Soc.	9,514
Proc. Amer. Math. Soc.	9,059
J. Math. Anal. Appl.	5,035
J. Algebra	4,349
Adv. Math.	3,074
J. Differential Equations	2,730
J. Funct. Anal.	2,688
Comm. Algebra	2,447
Topology Appl.	2,263
Nonlinear Anal.	2,115

期刊每年发表的文章数量

Publications per Year

Data from 1990 to 2023

Graph Table Description 

Classifications

近3年/所有年,该期刊高
发文分类 (MSC分类)

Last 3 Years All Time

MSC*	Description	Count
11	Number theory	128
14	Algebraic geometry	108
35	Partial differential equations	93
53	Differential geometry For differential topology, see 57Rxx; for foundational questions of differentiable manifolds, see 58Axx	70
37	Dynamical systems and ergodic theory [See also 26A18, 28Dxx, 34Cxx, 34Dxx, 35Bxx, 46Lxx, 58Jxx, 70-XX]	67
20	Group theory and generalizations	62
60	Probability theory and stochastic processes For additional applications, see 05Cxx, 11Kxx, 34-XX, 35-XX, 62-XX, 76-XX, 81-XX, 82-XX, 90-XX, 91-XX, 92-XX, 93-XX, 94-XX	58
57	Manifolds and cell complexes For complex manifolds, see\n 32Qxx	46
46	Functional analysis For manifolds modeled on topological linear spaces, see 57Nxx, 58Bxx	41
03	Mathematical logic and foundations	35

Show All

*MSC= Mathematics Subject Classification

Top Authors

近3年/所有年,该期
刊高发文作者

Last 3 Years All Time

Name	Papers
Shelah, Saharon	5
Cao, Daomin	4
Hochster, Melvin	3
Tiep, Pham Huu	3
Chen, Zhen-Qing	3
Jackson, Stephen Craig	3
Zheng, Fangyang	3
Adamczewski, Boris	3
Paget, Rowena	3
Dong, Hongjie	3

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5

丛书检索

Series



丛书检索用于检索某一特定丛书的信息，可以是专著、教材、会议录等。

Fudan University 90

Publications Authors Journals Series Search MSC

Q Search x

Hide Search History Hide All Fields

Standard Advanced Syntax

issn: ISSN p: Publisher se: Series Name st: Series Abbreviation

Fudan University 90

Publications Authors Journals Series Search MSC

num x

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Syntax

st: Series Abbreviation

Num	erical Mathematics and Scientific Computation	
De Gruyter Series in Applied and Num	erical Mathematics	ISSN: 2512-1826
Monographs in Num	ber Theory	ISSN: 1793-8341
Handbook of Num	erical Analysis	ISSN: 1570-8659
Chapman & Hall/CRC Num	erical Analysis and Scientific Computing	
International Series of Num	erical Mathematics	ISSN: 0373-3149
Applied and Num	erical Harmonic Analysis	ISSN: 2296-5009
Num	erical Methods in Engineering Series	
Monographs on Num	erical Analysis	
Podstawowe Algorytmy Num	eryczne	

1 min. ago Pin Edit

自动提示相近丛书名称

Profile for

Handbook of Numerical Analysis



Series Details

Title	Handbook of Numerical Analysis
Abbreviation	Handb. Numer. Anal.
Publisher	Elsevier/North-Holland
Websites	elsevier.com
ISSN	1570-8659
Publications Listed	204
Reference Lists	N/A
Latest Volume	2022
Earliest Volume	1990
Publications Cited	141 (69.1% of publications)
Citations	5,599 from 5,096 publications

Recent Volumes

[2022, vol. undefined, Numerical control. Part A](#)
[2021, vol. undefined, Geometric partial differential equations. Part II](#)
[2020, vol. undefined, Geometric partial differential equations. Part I](#)

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Series Title History

Title	Start	End
Handb. Numer. Anal.	1990	—

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6

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20

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MR4653349 - The variance of a restricted sum-of-squares function over short intervals in

Yiasemides, Michael

J. Number Theory **255** (2024), 188–229.**MR4652784** - List decoding of maximal order codes over number fields

Kourani, Nasim Abdi; Khodaiemehr, Hassan; Nikmehr, Mohammad Javad

Finite Fields Appl. **93** (2024), Paper No. 102311.**MR4652783** - On cohomology of generalized Suzuki curves and exponential sums

Tsushima, Takahiro

Finite Fields Appl. **93** (2024), Paper No. 102309.**MR4650807** - On the exact rate of convergence of digits in Engel expansions

Fang, Lulu; Shang, Lei

J. Math. Anal. Appl. **531** (2024), no. 1, Paper No. 127726.

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<input type="checkbox"/> Reviewed	74,711
<input type="checkbox"/> Summary	11,287
<input type="checkbox"/> Indexed	6,153
<input type="checkbox"/> Pending	1,602
<input type="checkbox"/> Prelim	548

Publication Type

Clear

Apply

<input type="checkbox"/> Journal Article	82,317
<input type="checkbox"/> Book Collection Article	10,195
<input type="checkbox"/> Book	1,222
<input type="checkbox"/> Book Collection	

Authors

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<input type="checkbox"/> Luca, Florian	742
<input type="checkbox"/> Kim, Taekyun	558
<input type="checkbox"/> Shparlinski, Igor E.	547
<input type="checkbox"/> Laurinćikas, Antanas	335
<input type="checkbox"/> Zhang, Wenpeng	305
<input type="checkbox"/> Zaharescu, Alexandru	302
<input type="checkbox"/> Kátai, Imre	294

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Paging

The variance of a restricted sum-of-squares
short intervals in $\mathbb{F}_q[T]$
Michael
eory **255** (2024), 188–229.

Prelim

MSC 11N64

[Article](#)

MR4652784 - List decoding of maximal order codes over
number fields

Prelim

MSC 11H31

[Article](#)

Kourani, Nasim Abdi; Khodaiemehr, Hassan; Nikmehr, Mohammad
Javad
Finite Fields Appl. **93** (2024), Paper No. 102311.

MR4652783 - On cohomology of generalized Suzuki curves and

Prelim

MSC 11L03

[Article](#)

Finite Fields Appl. **93** (2024), Paper No. 102309.

MR4650807 - On the exact rate of convergence of digits in Engel
expansions

Prelim

MSC 11K55

[Article](#)

Fang, Lulu; Shang, Lei
J. Math. Anal. Appl. **531** (2024), no. 1, Paper No. 127726.

MR4649791 - Analytic methods in number theory—when
complex numbers count

Prelim

Book

MSC 11Mxx

Zudilin, Wadim
Monogr. Number Theory, **11**
World Scientific Publishing Co. Pte. Ltd., Hackensack, NJ, 2024, xi+179
pp.
ISBN: 978-981-127-931-7; 978-981-127-932-4; 978-981-127-933-1

MR4649453 - Supercongruences involving Domb numbers and
binary quadratic forms

Prelim

MSC 11A07

[Article](#)

Mao, Guo-Shuai; Schlosser, Michael J.
Rev. R. Acad. Cienc. Exactas Fis. Nat. Ser. A Mat. RACSAM **118**
(2024), no. 1, Paper No. 11.

MR4288639

MRID

Reviewed

作者机构代码

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Kowalski, Emmanuel (CH-ETHZ); Michel

CH-ETHZ

Stratification and averaging for exponential sums (English summary)

Department of Mathematics (D-MATH), Eidgenössische Technische Universität Zürich
8092 Zürich, Switzerland

(NDM)

Generalized Kloosterman sums. (English summary)

Ann. Sc. Norm. Super. Pisa Cl. Sci. (5) 21 (2020), 1453–1530.

全文

Classifications

11T23 - Exponential sums

11F66 - Langlands L -functions; one variable Dirichlet series and functional equations

11L05 - Gauss and Kloosterman sums; generalizations

11N37 - Asymptotic results on arithmetic functions

11N75 - Applications of automorphic functions and forms to multiplicative problems

14D05 - Structure of families (Picard-Lefschetz, monodromy, etc.)

14F20 - Étale and other Grothendieck topologies and (co)homologies

MSC分类

Citations

From References: 5

From Reviews: 1

引用情况

Review

评论内容

The authors give estimates for the values of certain bilinear sums whose coefficients are character sums.

If q is a prime, and $K(\cdot; q)$ is the trace function of some constructible $\overline{\mathbf{Q}}_l$ -sheaf on an algebraic variety defined over \mathbf{F}_q , such a bilinear form can be written as

$$B(K, \alpha, \beta) = \sum_{m \leq M} \sum_{n \leq N} \alpha_m \beta_n K(mn; q)$$

where $M, N \geq 1$ are integers, and $\alpha \in \mathbf{C}^M$, $\beta \in \mathbf{C}^N$ are complex-valued vectors.

The Pólya-Vinogradov method gives nontrivial bounds, i.e., better than the bound

Reviewer: Blache, Régis

评论作者



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☒ **MR4532019 - Counting subrings of \mathbb{Z}^n of non-zero co-rank** Reviewed
Chimni, S.; Chinta, G.; Takloo-Bighash, R.
J. Iran. Math. Soc. **1** (2020), no. 2, 163-172. MSC 11M41

☒ **MR4497755 - Some historical developments of the theory of transcendence and algebraic independence** Reviewed
Fernandes, Gwladys
Lond. Math. Soc. Newsl.(2020), no. 486, 28-33. MSC 11J81

☒ **MR4495593 - Representation of natural numbers by sums of four squares of almost-prime having a special form** Reviewed
Petrov, Zhivko H.; Todorova, Tatyana. L.
God. Sofiř. Univ. "Sv. Kliment Okhridski." Fac. Mat. Inform. **107** (2020), 13-27. MSC 11P05

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☒ MR4532019 - Counting subrings of \mathbb{Z}^n of non-zero co-rank
Chimni, S.; Chinta, G.; Takloo-Bighash, R.
J. Iran. Math. Soc. 1 (2020), no. 1, 163--172. Reviewed MSC 11M41

☒ MR4497755 - Some historical aspects of the independence of the class number
Fernandes, Gwladys
Lond. Math. Soc. Newsl. (2020), no. 1, 163--172.

☒ MR4495593 - Representation of integers by quadratic forms having a special form
Petrov, Zhivko H.; Todorova, T.

Citations

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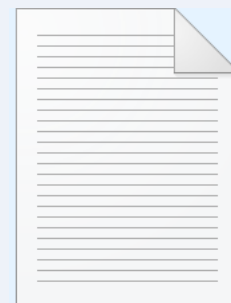
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%A Chimni, S.
%A Chinta, G.
%A Takloo-Bighash, R.
%T Counting subrings of \mathbb{Z}^n of non-zero co-rank
%J J. Iran. Math. Soc.
%V 1
%D 2020
%N 2
%P 163--172

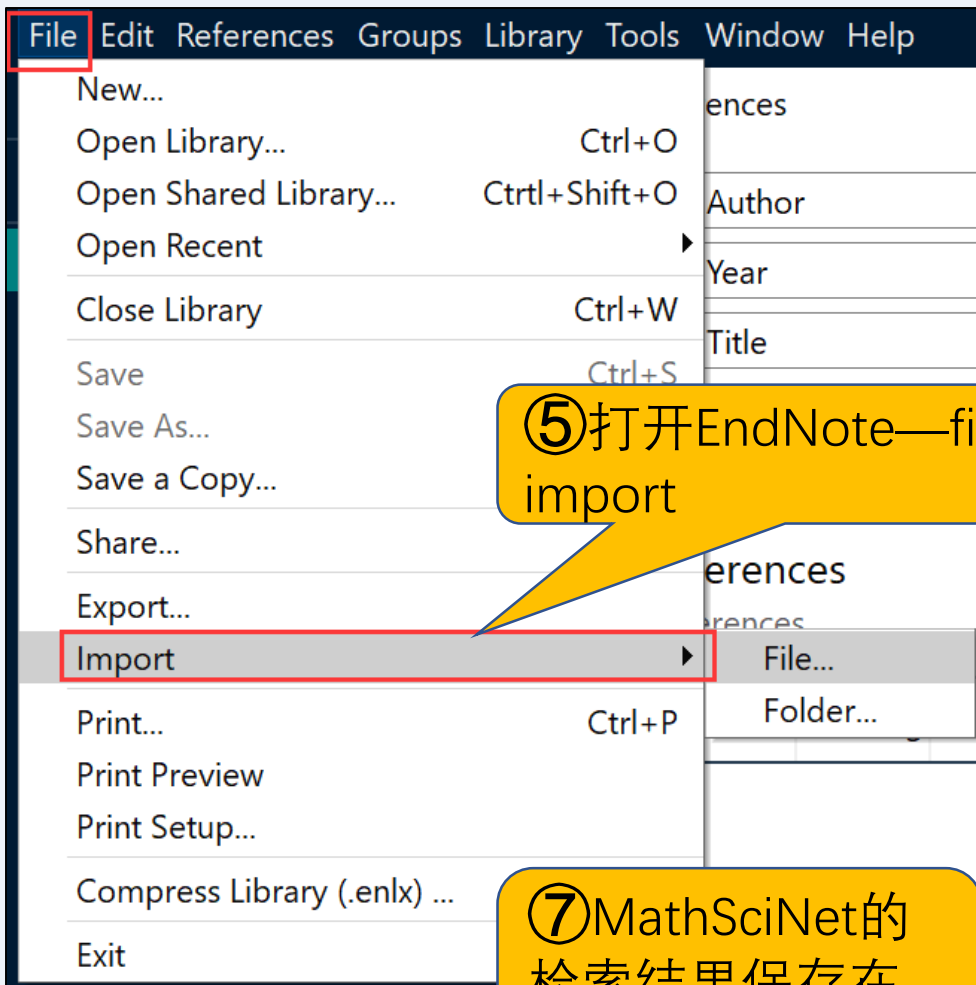
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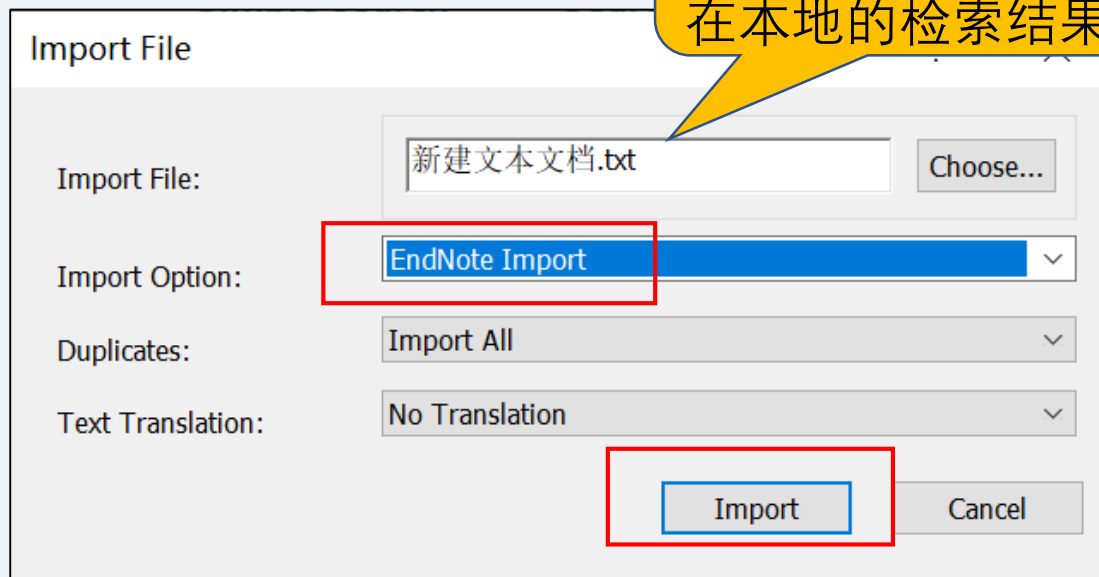
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Imported References				
3 References				
Year	Title	Author	Journal/Secondary Title	Reference Type
2022	Lagrangian loci in modul...	Hwang, Ju...	Eur. J. Math.	Journal Article
2022	Regulator maps for high...	dos Santos...	J. Lond. Math. Soc. (2)	Journal Article
2022	A characterization of co...	Deng, Ya; ...	Math. Ann.	Journal Article

总结

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2. 作者检索 (Authors)：以作者作为检索起点，获取作者相关信息；
3. 期刊检索 (Journals)：以期刊作为检索起点，获取期刊相关信息；
4. 丛书检索 (Series)：可以获取丛书信息。

谢 谢!

`limei@fudan.edu.cn`

