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AMS MathSciNet

助力多领域研究

http://mathscinet.ams.org

进入数据库

① 直接访问数据库网站

MathSciNet：http://mathscinet.ams.org

AMS电子刊：http://www.ams.org/epubsearch

② 通过南京审计大学图书馆进入：

点击“外文数据库”，点击AMS MathSciNet

AMS及AMS出版物简介

10分钟了解MathSciNet

助力多领域研究

3分钟了解AMS检索功能

FAQ

AMS简介

美国数学学会（AMS）1888年成立。全球超过3万名个人会员及近600个机构会员，全球订户超2000个，中国国内超150家。

同行评论是MathSciNet数据库独有特点，AMS会邀请学者成为《数学评论》特约评论员对MathSciNet收录的文献做评述。

截至2021年4月，活跃评论员（Active MR Reviewer）超23000人，分布在全球143个国家，来自中国的活跃评论员超过4000人，中国已成为活跃评论员人数最多的国家。

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AMS出版物：《数学评论》网络版（MathSciNet）

《数学评论》（Mathematical Reviews）于1940年出版；1996年，AMS推出数学评论网络版（MathSciNet）。

截至2021年4月，MathSciNet已收录超387万条记录，覆盖的学科包括：数学、统计学、计算机、经济、管理、力学等。

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AMS出版物：期刊

截至2021年，AMS共出版21种期刊，包括

- 数学期刊四大刊之一：Journal of the AMS
- 多份综合类期刊：TAMS，BAMS，MAMS，PAMS，CAMS（2021创刊）
- 计算数学四大刊之一：Mathematics of Computation
- 数学领域订阅量最高的通告类刊物：Notices of the AMS
- 三份俄文翻译期刊、一份日文翻译期刊
- 更多见：ams.org/epubsearch

http://mathscinet.ams.org

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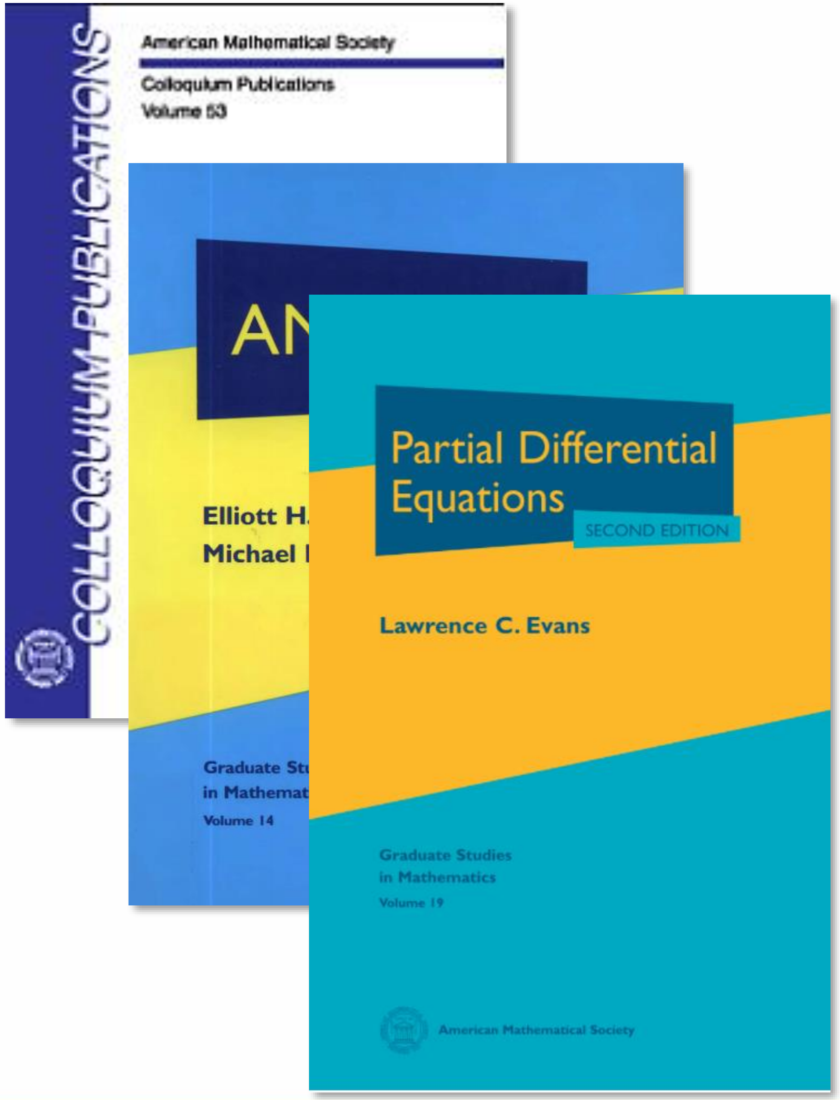

http://mathscinet.ams.org

AMS出版物：图书

AMS出版的电子书有数千余种，有研究生数学（GSM）、当代数学（COMM）、CBMS、IAS/Park City等多个系列，经典著作如：

1、*分析数论：Analytic number theory.*，Iwaniec, Henryk;etc

2、*实分析：Analysis.*，Lieb, Elliott H.; etc

3、*偏微分方程：Partial differential equations.*，Evans, Lawrence C.

AMS及AMS出版物简介

10分钟了解MathSciNet

助力多领域研究

3分钟了解AMS检索功能

FAQ

为什么要使用MathSciNet？

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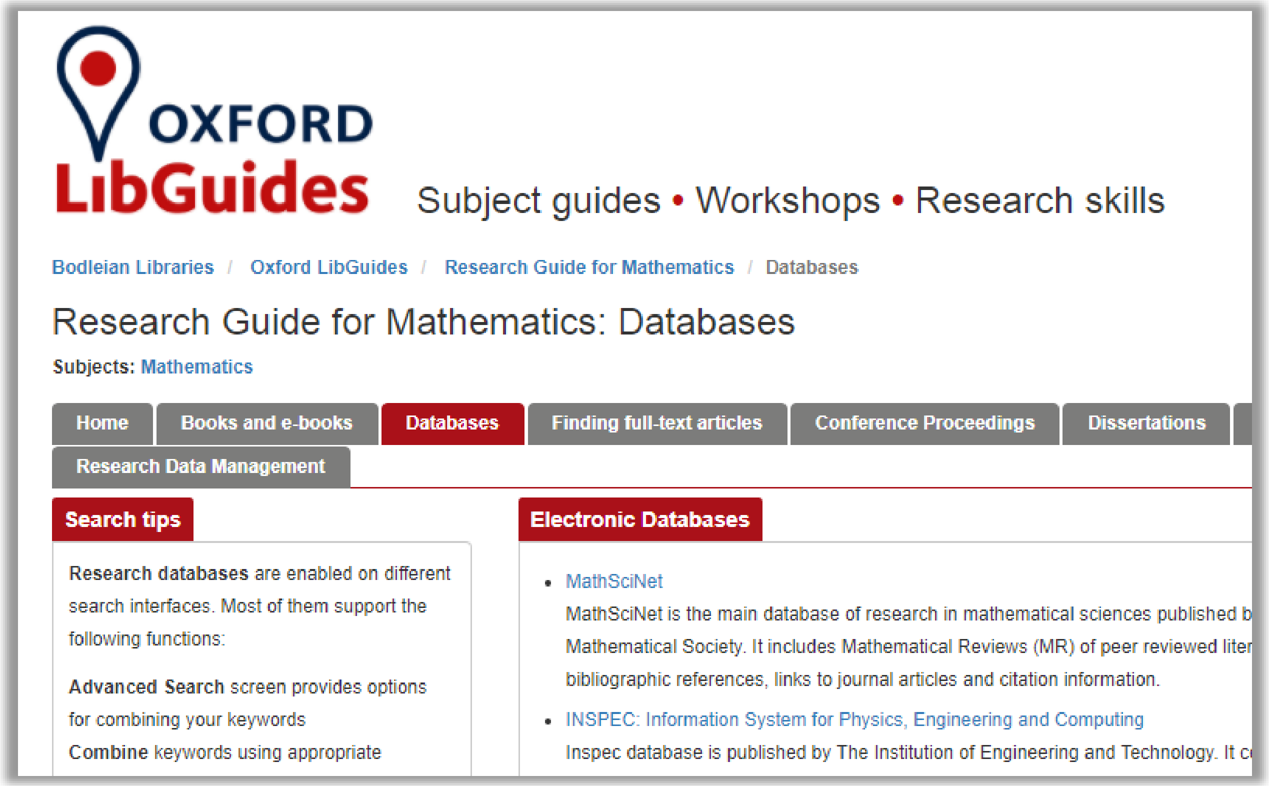
海内外数学研究机构对MathSciNet及AMS资源的定位



http://mathscinet.ams.org

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MathSciNet在清华大学的应用

清华大学图书馆曾晓牧在2013年对清华大学数学系优秀科研人员调研访谈如下：

调研方式：

7位当面访谈，3位电话访谈，2位电邮访谈；

调研对象：

5位教授、7位副教授；均为科研工作优秀（长江学者、国家杰出青年基金获得者或发表SCI论文排名居前），且均有海外学习或工作经验；

曾晓牧,林佳.基于学科有效信息行为的学科服务实践——以清华大学数学学科为例[J].大学图书馆学报,2014,32(03):85-90.

2.1 访谈方案设计

（1）访谈对象选取。笔者共选取了12位教师（5位教授，7位副教授）作为访谈对象，选取原则如下：

一是覆盖不同的研究方向。清华大学数学系按研究方向分为三个研究所：基础数学研究所、应用数学与概率统计研究所、计算数学与运筹学研究所，访谈对象来自三个不同的研究所。

二是科研工作优秀。访谈对象是长江学者，或是国家杰出青年基金获得者，或是近几年发表的SCI收录论文数排名在数学系前列的教师。

三是有海外学习或工作背景，既使用过国内图书馆，也了解国外图书馆的资源与服务。

（2）访谈方法。采用当面访谈、电话访谈或电子邮件访谈。首选当面访谈和电话访谈，因为访谈者可及时解释访问的内容，受访者可便捷完整地表述个人观点。12位受访者中，7位接受了当面访谈，3位是电话访谈，2位是电子邮件访谈。

（3）访谈内容由三个问题构成：

a. 在科研工作中，您使用哪些类型的文献（图书、期刊、会议论文……）？

b. 在科研工作中，您使用图书馆购买的哪些数据库？

c. 除了图书馆购买的数据库，在科研工作中，您还使用哪些检索工具？

2014年第3期

大學圖書館學報

2.2 访谈结论

（1）在科研工作中，最常用的文献类型是期刊论文；会议论文会用到，但不会专门去检索查找；图书使用得较少。

（2）最常用的数据库是美国《数学评论》（MathSciNet，由美国数学学会编辑），有1位老师使用德国《数学文摘》（Zentralblatt MATH，由欧洲数学学会等三个机构共同编辑）。这两个数据库收录的是数学学科期刊论文、会议论文和图书的文摘与评论，特色是：很全面地收录数学学科文献；很多文章有同行评论，通过同行评论可了解文章的价值，同时老师们也比较关注自己文章的同行评论。

至于SCI数据库，科研时并不使用，只用于科研评价，在评职称、报奖时检索论文的收录引用情况。

（3）除了图书馆数据库，最常用的检索工具是arXiv。arXiv是由美国国家科学基金会和美国能源部资助，康奈尔大学维护和管理的收录数学、物理学、非线性科学和计算机科学等学科文章的免费开放获取的预印本文库。受访老师们表示几乎每天使用该数据库，查看是否有自己研究方向的最新文章。

从访谈和之前的文献调研可以看出：数学科研工作中最常利用的文献类型是期刊论文。访谈和布朗所做的问卷调查显示：预印本也是最常利用的文献类型。访谈显示：最常用的检索工具是MathSciNet和arXiv。

http://mathscinet.ams.org

找线索比找全文难

有了DOI，找全文还难么

术业有专攻

工程多用EI、计算机用dblp

数学则为MathSciNet

读者经常使用MathSciNet的原因

1. 收录较齐全
2. 作者署名消岐
3. 文献组织专业
4. 文献标引详尽
5. 文献有同行评论
6. 施引来源较可靠
7. 期刊评价及揭示详细
8. 数学家师承关系关联

文献收录较全、文献组织专业

- 收录齐全

MathSciNet除了收录期刊，还收录会议、图书、博士论文的索引，最早回溯至1810年。

目前文献总量超387万条。收录范围除了数学，还囊括统计学、经济学、管理学、物理学、力学、计算机等交叉领域。

- 文献组织专业

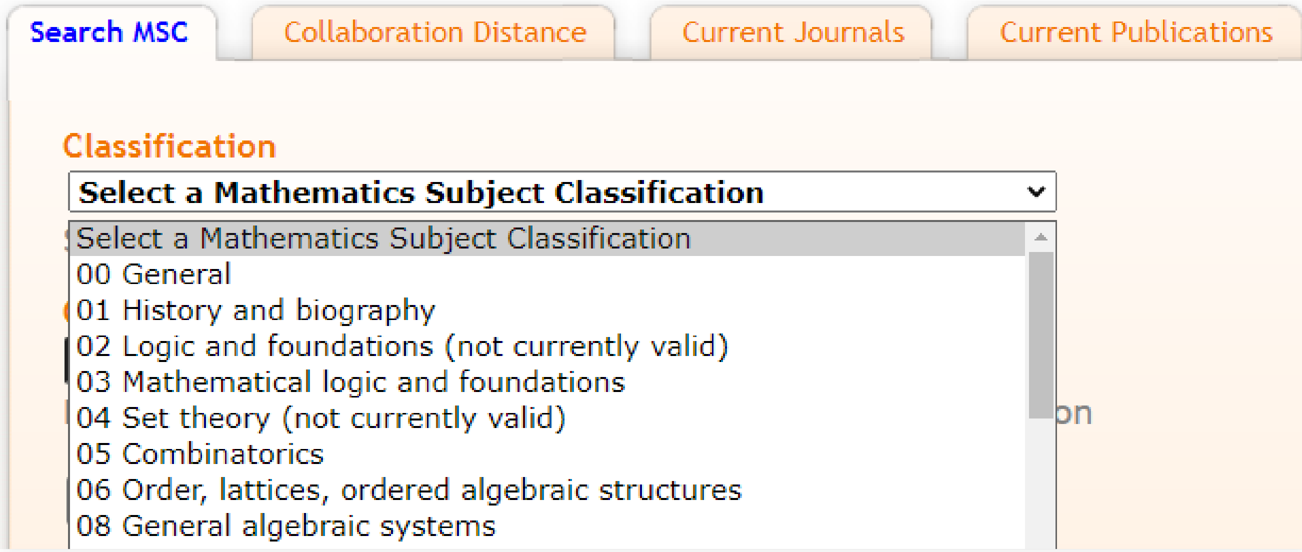
MathSciNet收录的文献用数学主题分类法(MSC)组织，读者可通过分类号检索文献，方便检全、检准自己所需的文献。

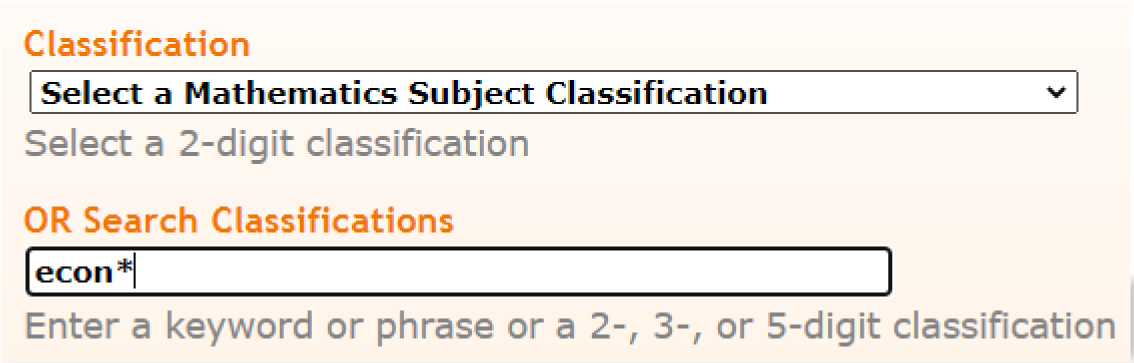
MSC由AMS和EMS共同修订，每十年更新一次，最新为MSC2020版

MathSciNet文献组织专业

在MathSciNet首页右上角点击工具箱，选择Search MSC，

可浏览分类体系，或对分类表查询，查询时支持通配符“*”匹配。



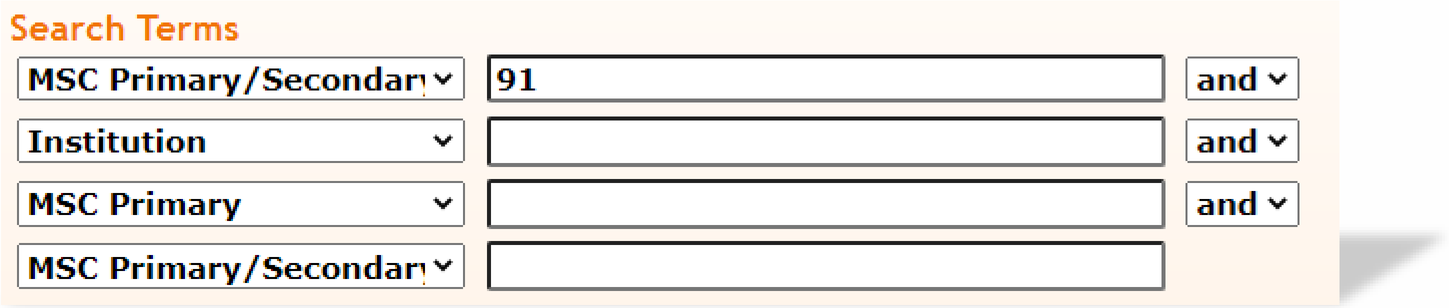


在MSC主题分类表中检索”eco*”，可看到与经济相关的分类，进而可以按分类号搜索

37 (2000-now) Dynamical systems and ergodic theory [See also 26A18, 28Dxx, 34Cxx, 34Dxx, 35Bxx, 46Lxx,
    37N (2000-now) Applications of dynamical systems
        37N40 (2000-now) Dynamical systems in optimization and economics [See also 90-XX, 91-XX]
46 (1940-now) Functional analysis {For manifolds modeled on topological linear spaces, see 57Nxx, 58Bxx}
    46N (1991-now) Miscellaneous applications of functional analysis [See also 47Nxx]
        46N10 (1991-now) Applications of functional analysis in optimization, convex analysis, mathemat
        economics
47 (1959-now) Operator theory
    47N (1991-now) Miscellaneous applications of operator theory [See also 46Nxx]
        47N10 (1991-now) Applications of operator theory in optimization, convex analysis, mathematica
        economics
58 (1973-now) Global analysis, analysis on manifolds [See also 32Cxx, 32Fxx, 32Wxx, 46-XX, 47Hxx, 53Cxx] {
integration theory, see 49Q15}
    58E (1973-now) Variational problems in infinite-dimensional spaces
        58E17 (1980-now) Multiobjective variational problems, Pareto optimality, applications to economi
        90C29, 91Bxx]
62 (1940-now) Statistics
    62P (1973-now) Applications of statistics [See also 90-XX, 91-XX, 92-XX]
        62P20 (1973-now) Applications of statistics to economics [See also 91Bxx]
91 (1940-now) Game theory, economics, finance, and other social and behavioral sciences
    91A (2000-now) Game theory

选择MSC一级分类91检索

91 (1940-now)
Game theory, economics, finance, and other social and behavioral sciences



主分类和次分类包含91的记录105310条，此时可采用Search within results 二次检索过滤文献

Matches: 105310 Show first 100 results Select Page: Previous **1** 2 3 4 5 6 Next

Batch Download: **Reviews (HTML)** Retrieve Marked | Retrieve First 50 | Mark All | Unmark All

Publications results for "MSC Primary/Secondary=(91)"

Sort by: Newest

Search within results

Item Type

- Reviewed (77042)
- Indexed (24659)
- Prelim (2124)
- Pending (1485)

Institutions

- Department of Economics, University of California (610)
- St. Petersburg State University (600)

MR42[illegible]678 Prelim Jiang, Kaichen; Wang, Jinhuan; Stabilization of a class of congestion games via intermittent control. *Sci. China Inf. Sci.* 65 (2022), no. 4, Paper No. 149203. 93C55 (91A14 93C65 93D15)
Review PDF | Clipboard | Journal | Article

MR4173655 Pending Clontz, Steven Arhangelskii's α-principles and selection games. *Topology Proc.* 59 (2022), 13–23. 54A20 (54D20 91A44)
Review PDF | Clipboard | Journal | Article

MR4243969 Prelim Fander, Atieh; Yaghoubi, Saeed; Asl-Najafi, Javad; Chemical supply chain coordination based on technology level and lead-time considerations. *RAIRO Oper. Res.* 55 (2021), no. 2, 793–810. 91A11 (91A35)
Review PDF | Clipboard | Journal | Article

MR4243732 Prelim Chadha, Karan N.; Kulkarni, Ankur A.; Nair, Jayakrishnan; Efficiency fairness tradeoff in battery sharing. *Oper. Res. Lett.* 49 (2021), no. 3, 377–384. 90B05 (90C40 90C90 91)
Review PDF | Clipboard | Journal | Article

MR4243731 Prelim He, Xue Dong; Jiang, Zhaoli; Optimal payoff under the generalized dual theory of choice. *Oper. Res. Lett.* 49 (2021), no. 3, 372–376. 91
Review PDF | Clipboard | Journal | Article

文献标引详尽、文献有同行评论

- 文献标引详尽

  MathSciNet标引的项目除了题名、刊名、书名、系列名、卷期、页码之外，还包括：

  消歧后作者姓名、机构信息（国别、省、市、邮编、机构名称、机构二级系部名称）

  MSC主分类、MSC次分类

  引用次数、来自评论的引用次数、经审核过的期刊的参考文献

- 文献有同行评论

  MathSciNet的主要特点之一是同行评论，读者通过同行评论可快速了解文章要点，同时也可以关注同行对自己文章的评论。

陶哲轩在2006年发表在CPAM上的一篇文章，机构名信息标引详细，有同行评论，文献引用，评论引用

MR2230846 (2007f:94007) Reviewed

Candès, Emmanuel J. (1-CAIT-ACM); Romberg, Justin K. (1-CAIT-ACM); Tao, Terence (1-UCLA)

Stable signal recovery from incomplete and inaccurate measurements. (English summary)

Comm. Pure Appl. Math. 59 (2006), no. 8, 1207–1223.
94A12

Review PDF | Clipboard | Journal | Article | Make Link

Department of Mathematics, University of California
Los Angeles, California, 90024

The authors consider the problem of recovering an unknown sparse signal $x_0(t) \in \mathbb{R}^m$ from $n \ll m$ linear measurements which are corrupted by noise, building on related results in [E. J. Candès and J. K. Romberg, Found. Comput. Math. **6** (2006), no. 2, 227–254; MR2228740; E. J. Candès, J. K. Romberg and T. C. Tao, IEEE Trans. Inform. Theory **52** (2006), no. 2, 489–509; MR2236170; E. J. Candès and T. C. Tao, IEEE Trans. Inform. Theory **51** (2005), no. 12, 4203–4215; MR2243152; "Near optimal signal recovery from random projections: universal encoding strategies?", preprint, arxiv.org/abs/math.CA/0410542, IEEE Trans. Inform. Theory, submitted; D. L. Donoho, Comm. Pure Appl. Math. **59** (2006), no. 6, 797–829; MR2217606]. Here $x_0(t)$ is said to be sparse if its support $T_0 = \{t : x_0(t) \neq 0\}$ has small cardinality. The measurements are assumed to be of the form $y = Ax_0 + e$, where A is the $n \times m$ measurement matrix and the error term e satisfies $\|e\|_{l_2} \leq \epsilon$. Given this setup, consider the convex program

$$(\mathrm{P}_2) \qquad \min \|x\|_{l_1} \text{ subject to } \|Ax - y\|_{l_2} \leq \epsilon.$$

The authors define A_T, $T \subset \{1, \ldots, m\}$, to be the $n \times |T|$ submatrix obtained by extracting the columns of A corresponding to the indices in T. Their results are stated in terms of the S-restricted isometry constant δ_S of A [E. J. Candès and T. C. Tao, op. cit.,

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可看到评论员信息、参考文献，参考文献中预印本出版的文章正式发表可转为标准记录，且计入被引数。

Theorem 2. Suppose that x_0 is an arbitrary vector in $\mathbb{R}^m$, and let $x_{0,S}$ be the truncated vector corresponding to the S largest values of x_0 (in absolute value). Under the hypotheses of Theorem 1 in the paper, the solution $x^\sharp$ to (P_2) obeys

$$\|x^\sharp - x_0\|_{l_2} \leq C_{1,S} \cdot \epsilon + C_{2,S} \cdot \frac{\|x_0 - x_{0,S}\|_{l_1}}{\sqrt{S}}.$$

For reasonable values of δ_{4S}, the constants in the equation labelled 1.4 in the paper are well behaved; for example, $C_{1,S} \approx 12.04$ and $C_{2,S} \approx 8.77$ for $\delta_{4S} = \frac{1}{5}$.

Reviewed by Brody Dylan Johnson

References

1. Boyd, S.; Vandenberghe, L. *Convex optimization.* Cambridge University Press, Cambridge, 2004. MR2061575
2. Candès, E. J.; Romberg, J. Quantitative robust uncertainty principles and optimally sparse decompositions. *Found. Comput. Math.*, in press. arXiv: math.CA/0411273, 2004. cf. MR2228740
3. Candès, E. J.; Romberg, J.; Tao, T. Robust uncertainty principles: Exact signal reconstruction from highly incomplete frequency information. *IEEE Trans. Inform. Theory* **52** (2006), no. 2, 489–509. MR2236170
4. Candès, E. J.; Tao, T. Decoding by linear programming. *IEEE Trans. Inform. Theory*, **51** (2005), no. 12, 4203–4215. MR2243152

施引来源较可靠、期刊评价及揭示详细

- 引用质量较可靠

  为尽可能的保证施引质量，AMS每年会对MathSciNet收录的期刊进行评估，评估是否将该份期刊的参考文献列入施引源，目前有804种期刊和4种丛书别列入（ Reference List Journals ），详细的施引期刊和图书见： https://mathscinet.ams.org/mathscinet/mrcit/journal_list.html 。

- 期刊评价及揭示

  MathSciNet对其收录的期刊有详细的介绍，包含期刊是否全刊收录、收录起始年份、参考文献列举年份、MCQ近年变化情况、该刊的引用数据（自引情况）、近年刊文数量、发文主要分类、高发文作者等信息。

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Econometrica，计量经济学顶刊，MathSciNet全刊收录，并列入施引期刊

Econometrica. Journal of the Econometric Society

Journal Details

Abbreviation	Econometrica
Publisher	Econometric Soc. Wiley-Blackwell
Websites	onlinelibrary.wiley.com econometricsociety.org jstor.org
ISSN (Print)	0012-9682
ISSN (Online)	1468-0262
Frequency	6 issues/vol./yr.
Publications Listed	3,134
Reference Lists	Since 2000
Publications Cited	2,329 (74.3% of publica

Operations Research，运筹及管理学顶刊，MathSciNet全刊收录，并列入施引期刊

Operations Research

Journal Details

Abbreviation	Oper. Res.
Publisher	INFORMS
Websites	pubsonline.informs.org jstor.org
ISSN (Print)	0030-364X
ISSN (Online)	1526-5463
Frequency	6 issues/vol./yr.
Publications Listed	3,678
Reference Lists	Since 2000

Recent Issues

Volume	Issue	Year	
69	2	2021	View
69	1	2021	View
68	6	2020	View

List All Issues

Concise History

Title	Start	End
Operations Research	1976	-
Operations Research	1956	1978

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量化金融领域高级别期刊，MathSciNet全刊收录，列入施引期刊，发文作者水平非常高

Quantitative Finance

Quantitative Finance，《量化金融》，T&F出版，三年高发文作者有：
Bouchaud, Jean-Philippe
Lillo, Fabrizio
Bayer, Christian
以上三人也均为MR特约评论员

近三年发文主要集中在
Game theory, economics, finance, and other social and behavioral sciences。

Journal Details

Abbreviation	Quant. Finance
Publisher	Routledge Journals, Taylor & Francis, Ltd.
Websites	tandfonline.com
ISSN (Print)	1469-7688
ISSN (Online)	1469-7696
Frequency	12 issues/vol./yr.
Publications Listed	1,837
Reference Lists	Since 2004
Publications Cited	1,031 (56.1% of publications)

Recent Issues

Volume	Issue	Year	
21	5	2021	View
21	4	2021	View
21	3	2021	View

List All Issues

Concise History

Title	Start	End
Quantitative Finance	2004	-
Quantitative Finance	2001	2004

Journal Title History

http://mathscinet.ams.org

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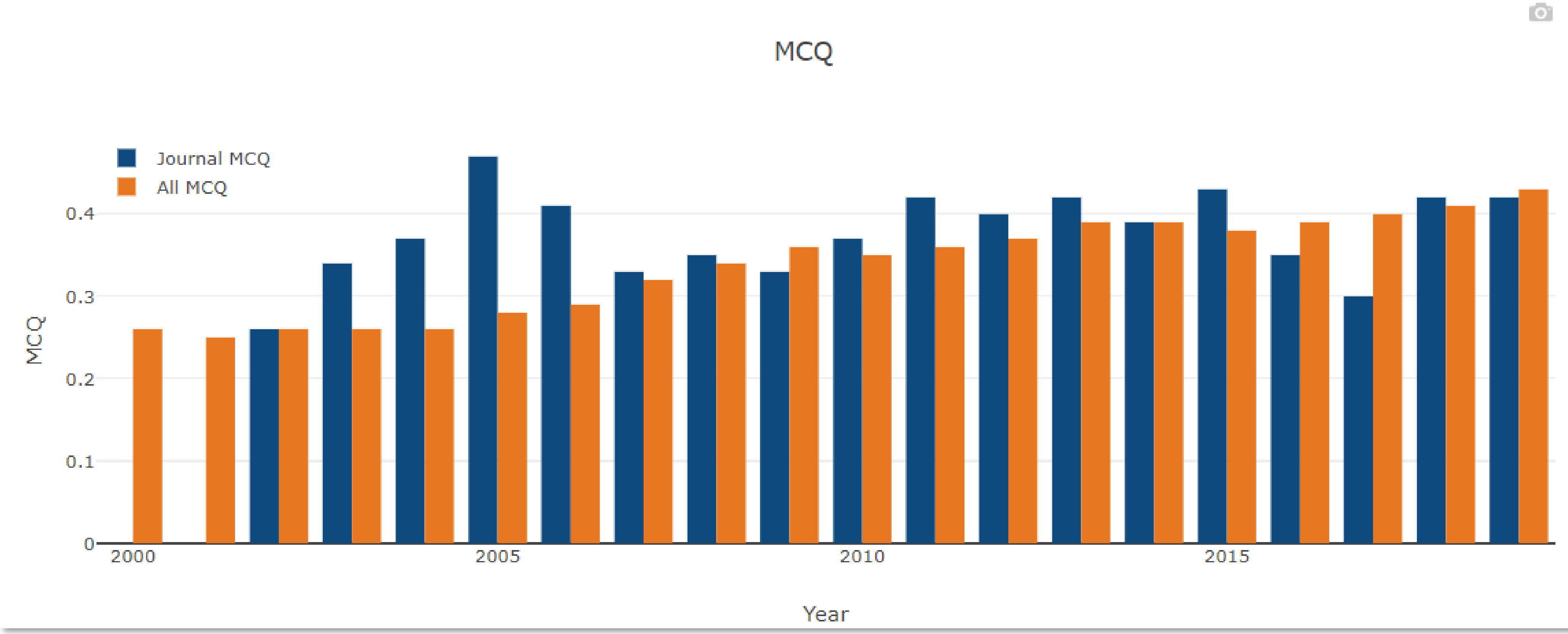
MCQ值稳定，说明该刊的水平一直稳步发展

Mathematical Citation Quotient

Graph | Table | All MCQ Table | Description



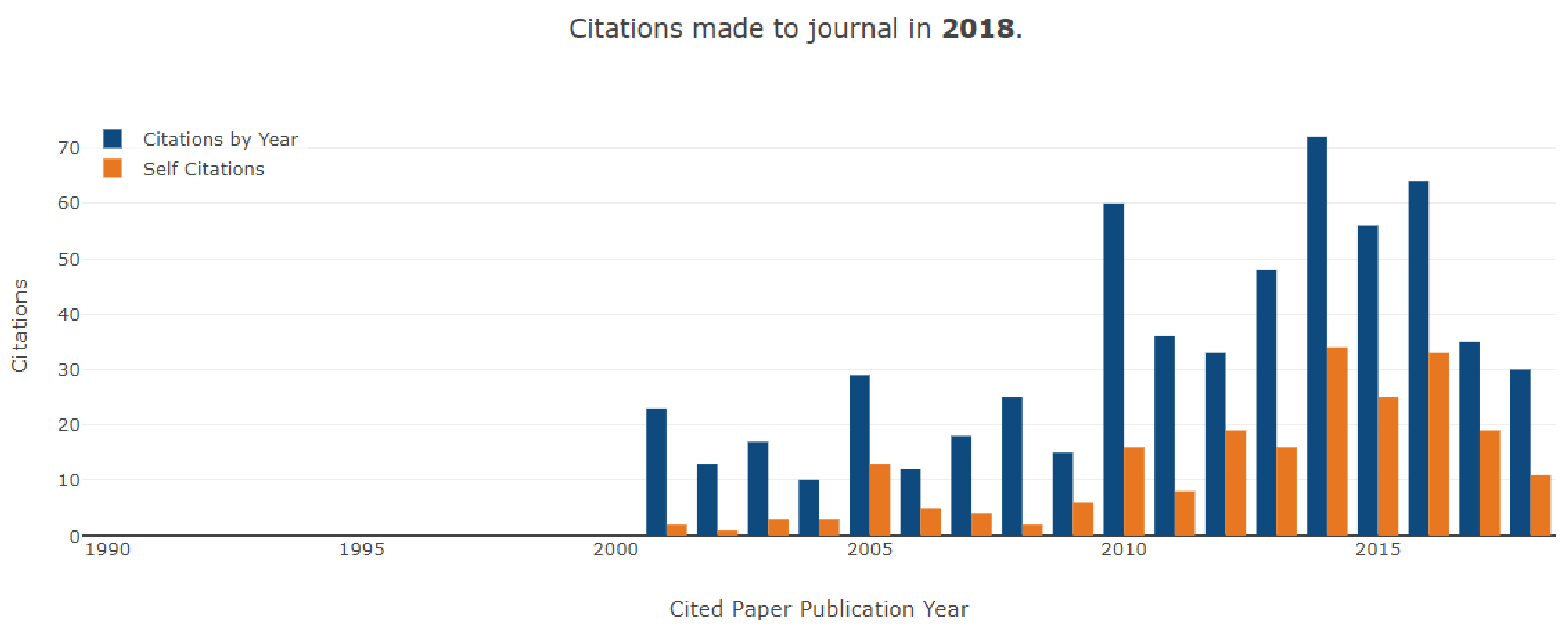
http://mathscinet.ams.org

2018年，引用该期刊文章的年份（2010~2018基本均匀分布），说明该刊文章质量高、老化非常慢

Citations

Citation Year 2018 Update

Graph | Table | Top Citers Graph | Top Citers Table | Description

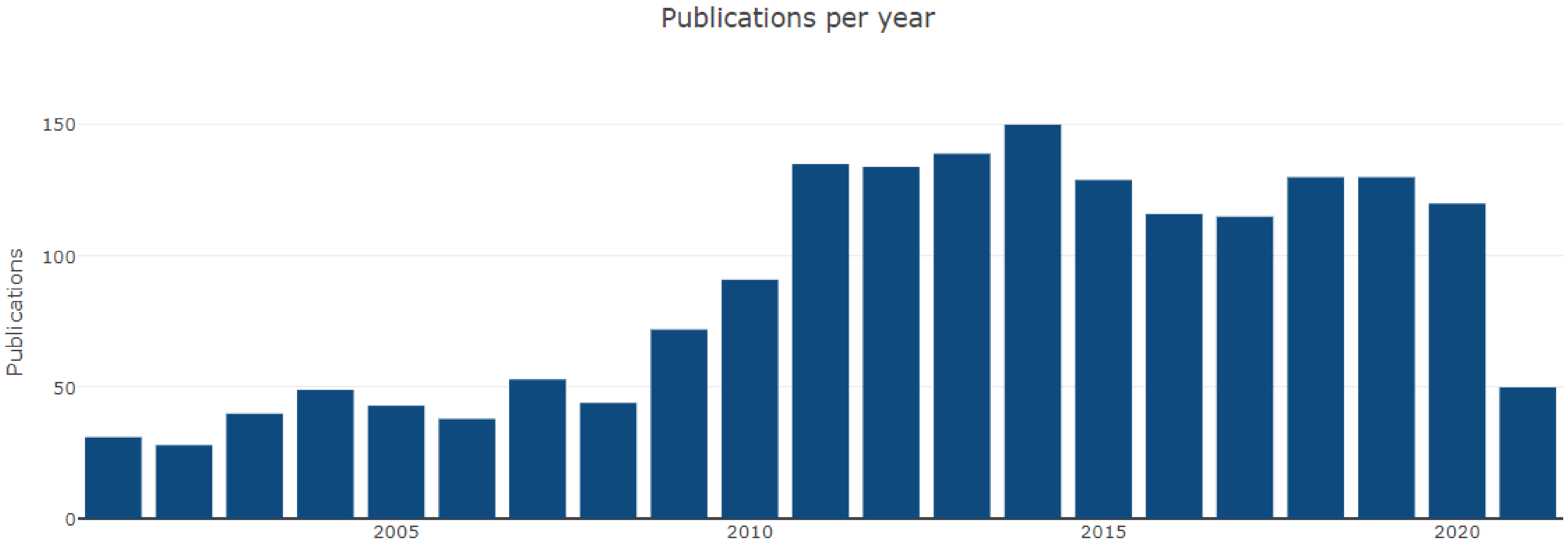


2011年以来，该刊的年刊文量基本保持在130篇左右，维持较低的刊文量，最大可能的保障文章质量

Publications per Year

Data from 2001 to 2021

Graph Table Description



近三年，该刊文分类为91分类（博弈论、经济、财政及相关分类），高发文作者有：
法国最大对冲基金公司（CFM）鲍查德 菲利普、博洛尼亚大学法布里齐奥、德国柏林WIAS研究所教授克里斯蒂安

Classifications

Last 3 Years | All Time

MSC*	Description	Count
91	Game theory, economics, finance, and other social and behavioral sciences	418
60	Probability theory and stochastic processes {For additional applications, see 05Cxx, 11Kxx, 34-XX, 35-XX, 62-XX, 90-XX, 76-XX, 81-XX, 82-XX, 91-XX, 92-XX, 93-XX, 94-XX}	8
62	Statistics	3
94	Information and communication theory, circuits	1

Top Authors

Last 3 Years | All Time

Name	Papers
Bouchaud, Jean-Philippe	8
Lillo, Fabrizio	8
Bayer, Christian[1]	6
Hawkes, Alan G.	5
Bormetti, Giacomo	5
Stübinger, Johannes	5
Abergel, Frédéric	4
Sornette, Didier	4

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发较多的国内机构有：香港中文大学、香港大学、北航经管学院。

Matches: 199 Show first 100 results Select Page: Previous **1** 2 3 4 5 6 Next

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Publications results for ""

Sort by: Newest

Search within results

china

Item Type

- Reviewed (161)
- Indexed (30)
- Pending (8)

Institutions

- Department of Statistics, Chinese University of Hong Kong (17)
- Department of Systems Engineering and Engineering Management, Chinese (17)

MR4201458 Pending Zhang, Yunbo; Drapeau, Samuel Pricing and hedging performance on pegged FX markets based on a regime switching model. *Quant. Finance* 21 (2021), no. 2, 305–322. 91G15 (60J28 62P05)
Review PDF | Clipboard | Journal | Article

MR4201454 Pending Gu, Jia-Wen; Steffensen, Mogens; Zheng, Harry A note on $\mathcal{P}$- vs. $\mathcal{Q}$-expected loss portfolio constraints. *Quant. Finance* 21 (2021), no. 2, 263–270. 91G10
Review PDF | Clipboard | Journal | Article

MR4172763 Reviewed Fang, Jie; Lin, Jianwu; Xia, Shutao; Xia, Zhikang; Hu, Shenglei; Liu, Xiang; Jiang, Yong Neural network-based automatic factor construction. *Quant. Finance* 20 (2020), no. 12, 2101–2114. 91G80
Review PDF | Clipboard | Journal | Article

MR4172761 Indexed He, Feng; Liu-Chen, Baiao; Meng, Xiangtong; Xiong, Xiong; Zhang, Wei Price discovery and spillover dynamics in the Chinese stock index futures market: a natural experiment on trading volume restriction. *Quant. Finance* 20 (2020), no. 12, 2067–2083. 91G99
Review PDF | Clipboard | Journal | Article

MR4172760 Indexed Li, P.; Han, Y.; Lin, S.; Qiao, T. Chinese write-down bonds: issuance and bank capital structure. *Quant. Finance* 20 (2020), no. 12, 2055–2065. 91G50
Review PDF | Clipboard | Journal | Article

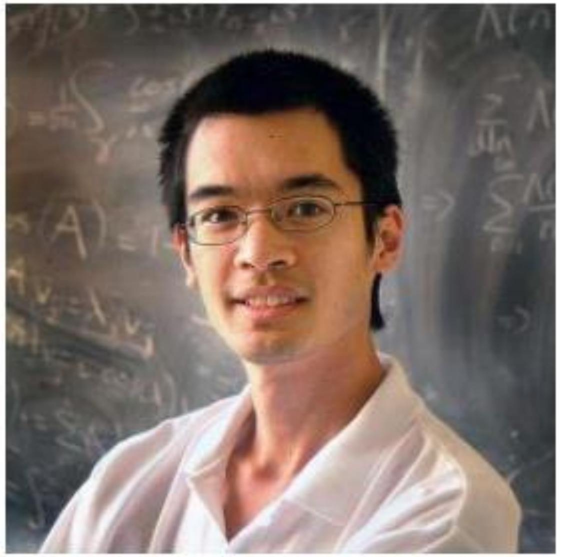
MR4172759 Reviewed Ma, Changfu; Xu, Wei; Yuan, George Valuation model for Chinese convertible

http://mathscinet.ams.org

尝试比较MathSciNet 和 Web of Science的收录和标引差异

以2006年、2018年菲尔兹奖得主陶哲轩、Scholze Peter

在两个数据库中的收录、引用情况举例



Tao, Terence C.

American Mathematical Society

MR Author ID: 361755
Earliest Indexed Publication: 1996
Total Publications: 326
Total Related Publications: 32
Total Citations: 17341

Publications
Related Publications
Reviews
Refine Search

Tao, Terence

认领此记录 测试版

未认领- 这是一条通过算法生成的作者记录

University of California Los Angeles
Dept Math
LOS ANGELES, CA, USA

Web of Science ResearcherID: M-1837-2015

备选名称: Tao, Terence　Tao, T　Tao, T.

组织:

1998-2021	University of California Los Angeles
2012-2012	UCLA Dept Math
2008-2008	Australian National University
1996-1996	Princeton University

213 个来自 Web of Science 核心合集的出版物　作为一组结果查看以导出、分析并链接到全文

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引文网络

h 指数 (h-index)
61

被引频次总计
34,404

http://mathscinet.ams.org

American Mathematical Society

Scholze, Peter

Email: scholze@math.uni-bonn.de
MR Author ID: **890936**
Earliest Indexed Publication: 2011
Total Publications: **27**
Total Related Publications: **11**
Total Citations: **596**

⊟ Published as: Scholze, P. (1)
Scholze, Peter (37)

Publications
Related Publications
Reviews
Refine Search

Scholze, Peter

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未认领 - 这是一条通过算法生成的作者记录

University of Bonn
Math Inst
BONN, GERMANY

备选名称: Scholze, Peter Scholze, P Scholze, P.

组织:

2011-2019 University of Bonn

26 个来自 Web of Science 核心合集的出版物

作为一组结果查看以导出、分析并链接到全文

排序依据 日期：最近日期优先 过滤依据: All Publications 1 / 1

Topological Hochschild homology and integral p-adic Hodge theory
Bhatt, Bhargav ; Morrow, Matthew ; Scholze, Peter
PUBLICATIONS MATHEMATIQUES DE L IHES
卷 129 期 1 页 199-310 出版年 2019

被引频次 11

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508

http://mathscinet.ams.org

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文献收录范围：MathSciNet更胜一筹

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AMS及AMS出版物简介

10分钟了解MathSciNet

助力多领域研究

3分钟了解AMS 检索功能

FAQ

MathSciNet服务交叉学科

数学作为基础学科，MathSciNet可应用在多领域，以如下3个交叉学科举例：

1、环境经济学

2、美式期权定价

3、非参数估计

了解MSC分类

- AMS编制了全球数学领域最权威详尽的数学主题分类

  尝试在分类表中搜索自己想从事的方向，以金融为例

选择交叉领域

- 确定好分类号之后，按照分类号检索文献，发起二次检索，对结果做筛选

查找经典著作

- 根据目标分类号，查询高被引文献，了解该领域的经典著作。

在MathSciNet中检索

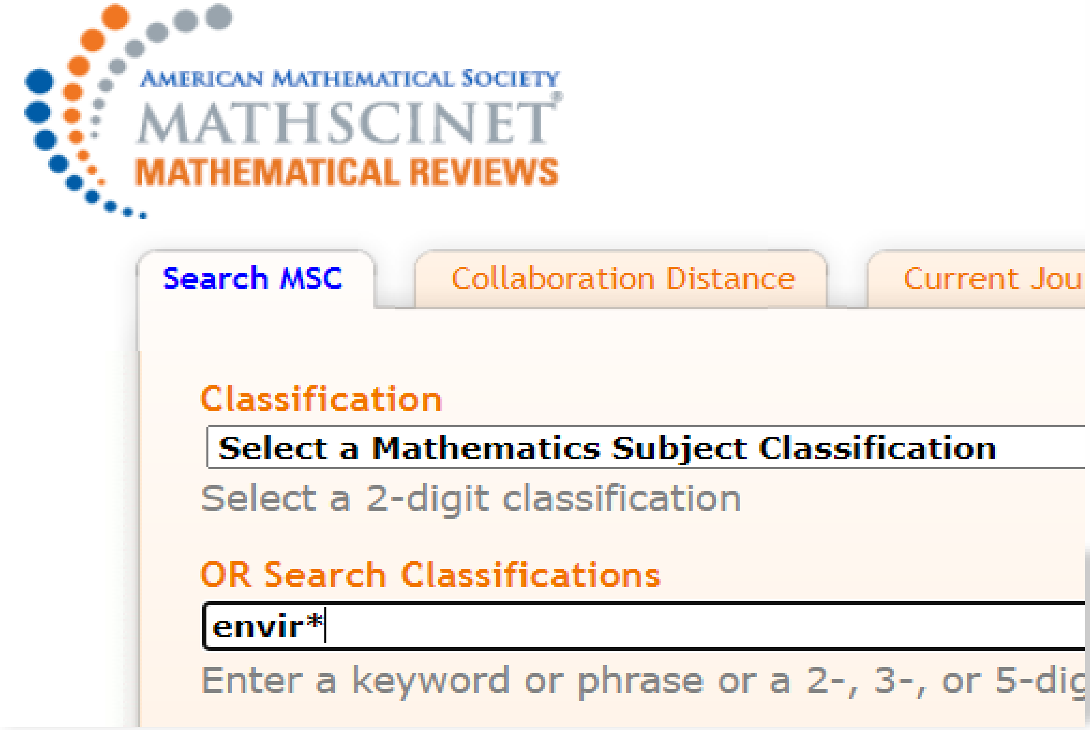
金融数学领域的“环境经济学”相关

分类、文献、机构、人物、期刊等等

在MathSciNet首页右上角点击工具箱，选择Search MSC，

可浏览分类体系，或对分类表查询，查询时支持通配符“*”匹配，如检索”environm*”。

在MSC检索框中输入”envir*”，以检索环境经济学分类



检索环境经济学相关文献，现在MSC分类中搜索“Environm*”，命中91B76分类

MSC results for "Environm"*

60 (1940-now) Probability theory and stochastic processes {For additional applications, see 05Cxx, 11Kxx, 34-XX, 35-XX, 62-XX, 90-XX, 76-XX, 81-XX, 82-XX, 91-XX, 92-XX, 93-XX, 94-XX}

- **60K** (1973-now) Special processes
  - **60K37** (2000-now) Processes in random environments

62 (1940-now) Statistics

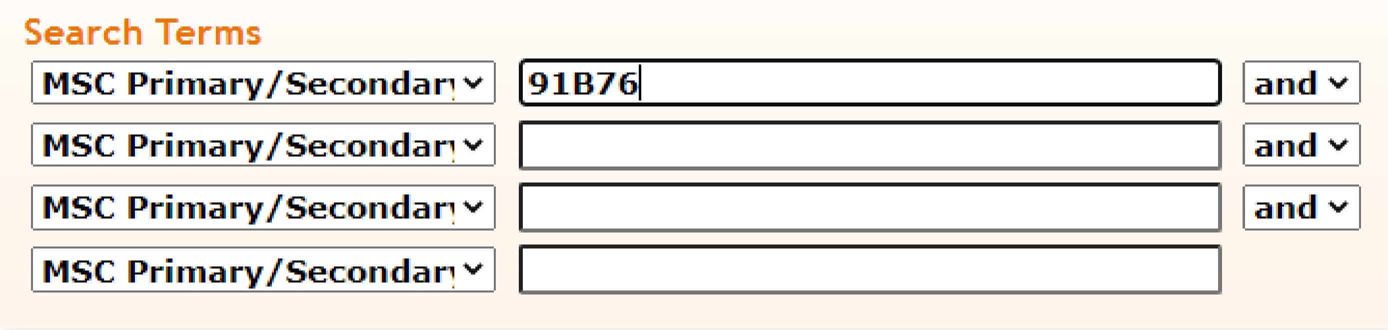
- **62P** (1973-now) Applications of statistics [See also 90-XX, 91-XX, 92-XX]
  - **62P12** (2000-now) Applications of statistics to environmental and related topics

91 (1940-now) Game theory, economics, finance, and other social and behavioral sciences

- **91B** (2000-now) Mathematical economics {For econometrics, see 62P20}
  - **91B76** (2000-now) Environmental economics (natural resource models, harvesting, pollution, etc.)

分类号后的年份表示该分类的生效时间，91B76为2000年生效，但生效之前（2000年）之前环境经济类文献可能以相近的分类（91、或91B）存在，如检索早期的文献可用关键词检索

在MathSciNet首页，选择检索入口为“主分类或次分类”命中91B76分类



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91B76的文献共检索出2907篇，圣彼得堡大学、中科大管理学院、蒙特利尔大学为高发文机构

Matches: 2907 Show first 100 results Select Page: Previous **1** 2 3 4 5 6 Next

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Publications results for "MSC Primary/Secondary=(91B76)"

Sort by: Newest

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Item Type

- Reviewed (1971)
- Indexed (843)
- Prelim (63)
- Pending (30)

Institutions

- St. Petersburg State University (52)
- School of Management, University of Science and Technology of China (43)

MR4239777 Prelim Jotanovic, Vera; D'Ecclesia, Rita Laura; The European gas market: new evidences. *Ann. Oper. Res.* 299 (2021), no. 1-2, 963–999. 91B76 (62)
Review PDF | Clipboard | Journal | Article

MR4239775 Prelim Maier, Sebastian; Re-evaluating natural resource investments under uncertainty: An alternative to limited traditional approaches. *Ann. Oper. Res.* 299 (2021), no. 1-2, 907–937. 91B76 (90C15 90C39)
Review PDF | Clipboard | Journal | Article

MR4239773 Prelim Lucheroni, Carlo; Mari, Carlo; Internal hedging of intermittent renewable power generation and optimal portfolio selection. *Ann. Oper. Res.* 299 (2021), no. 1-2, 873–893. 91B76 (91G10)
Review PDF | Clipboard | Journal | Article

MR4239772 Prelim Benedetti, Davide; Biffis, Enrico; Chatzimichalakis, Fotis; Fedele, Luciano Lilloy; Simm, Ian; Climate change investment risk: optimal portfolio construction ahead of the transition to a lower-carbon economy. *Ann. Oper. Res.* 299 (2021), no. 1-2, 847–871. 91B76
Review PDF | Clipboard | Journal | Article

MR4234688 Prelim Iverson, Terrence; Karp, Larry; Carbon Taxes and Climate Commitment with Non-constant Time Preference. *Rev. Econ. Stud.* 88 (2021), no. 2, 764–799. 91B76
Review PDF | Clipboard | Journal | Article

http://mathscinet.ams.org

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检索结果筛选项

记录类型筛选

Item Type

- Reviewed (1971)
- Indexed (843)
- Prelim (63)
- Pending (30)

发文机构筛选

Institutions

- St. Petersburg State University (52)
- School of Management, University of Science and Technology of China (43)
- Groupe d'Études et de Recherche en (30)

作者筛选

Authors

- Zaccour, Georges (29)
- Haurie, Alain B. (22)
- Kar, Tapan Kumar[2] (19)
- Rettieva, Anna N. (19)
- Tian, Lixin (18)

MSC主分类筛选

Primary Classification

- Game theory, economics, social and behavioral sciences (2267)
- Operations research, mathematical programming (219)
- Biology and other natural sciences (160)

发文期刊筛选

Journal

- Nat. Resour. Model. (259)
- European J. Oper. Res. (238)
- J. Econom. Dynam. Control (122)
- Ann. Oper. Res. (121)

发文年份筛选

Year

- 2021 (64)
- 2020 (262)
- 2019 (191)
- 2018 (222)
- 2017 (230)
- 2016 (249)
- 2015 (171)

通读筛选项目，对环境经济学的文章有大概了解

研究人员：主要分布在国外（加拿大、美国、俄罗斯、中国等）；

发文作者：国外作者较多，但中国学者田立新（南京师范大学教授）发文较多；

文章分类：多为91B76分类

发文期刊：多为高级别数学期刊，如Natural Resource Modeling等

发文年份：该分类年发文150-300篇。

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91B76高被引学者,AMS为每个学者创建了个人主页，方便读者系统了解作者研究成果

蒙特利尔高等商学院乔治 萨库教授

Zaccour, Georges

MR Author ID: **291793**
Earliest Indexed Publication: 1989
Total Publications: **123**

Publications
Related Public
Refine Search

瑞士日内瓦大学Alain B. Haurie教授

Haurie, Alain B.

MR Author ID: **82580**
Earliest Indexed Publication: 1972
Total Publications: **108**

Publications
Related Publicati
Reviews

普林斯顿大学教授Soner, Halil Mete

Soner, Halil Mete

MR Author ID: **164850**
Earliest Indexed Publication: 1985
Total Publications: **117**
Total Citations: **4805**

⊟ Published as: Mete Soner, H. (3)
Soner, H. M. (21)
Soner, H. Mete (54)
Soner, Halil Mete (37)
Soner, Mete (2)

Publications
Reviews
Refine Search
Co-Authors

Akyıldırı
Sisto

南京师范大学田立新教授

Tian, Lixin

MR Author ID: **355268**
Earliest Indexed Publication: 1993
Total Publications: **367**
Total Citations: **1049**

⊟ Published as: Li-Xin, Tian (1)
Lixin, Tian (3)
Tian, L. (2)
Tian, L. X. (1)
Tian, Li Xin (102)
Tian, Li-Xin (3)
Tian, Li-xin (3)
Tian, Linxin (1)
Tian, Lixin (250)
Tian, X. L. (1)

Publications
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Cai, Guo

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在MathSciNet中检索

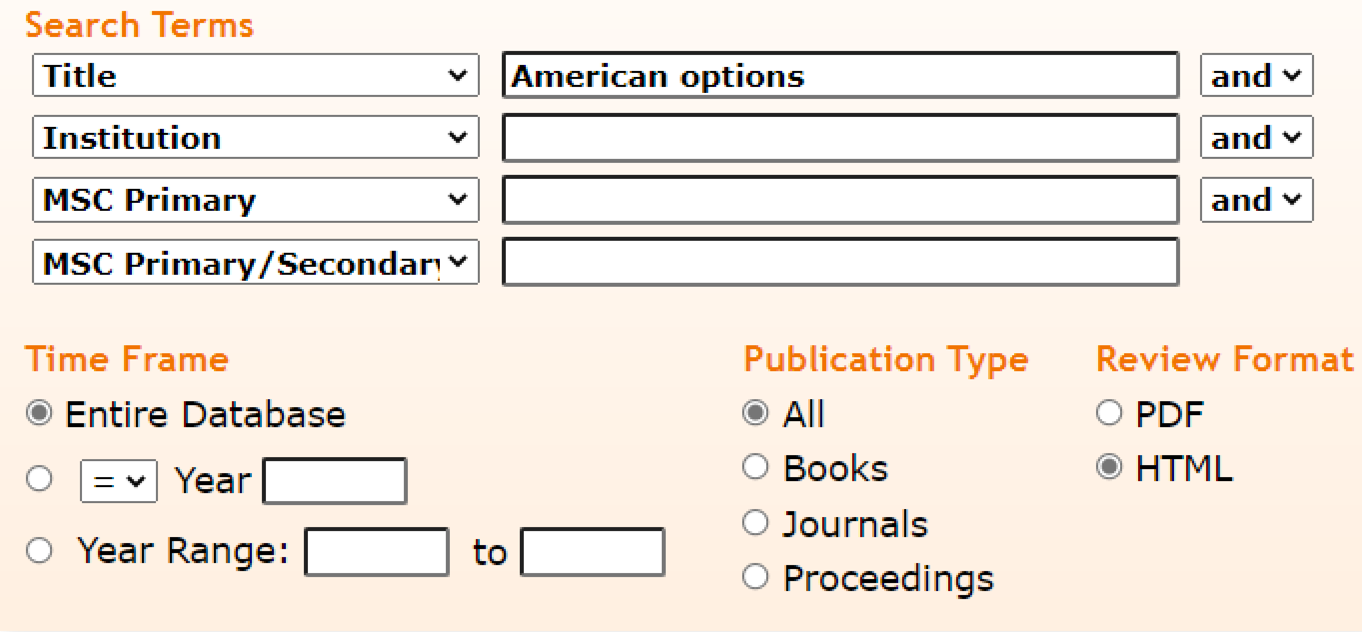
金融数学领域的“美式期权”相关

分类、文献、机构、人物、期刊及其他

在MSC中检索" options"检索期权相关分类，未命中直接相关的分类号。

此时，可输入“American options”在题名中检索，以确定美式期权相关的文献被分到哪个MSC类

选择题名入口，输入“American options”发起检索



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题名中包含“American options”的文献共940篇，可看出，多数的分类为91G20分类

Matches: 940 Show first 100 results Select Page: Previous **1** 2 3 4 5 6 Next

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Publications results for "Title=(American options)"

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Item Type

- Reviewed (721)
- Indexed (147)
- Thesis (40)
- Pending (20)
- Prelim (10)
- Expansion (2)

Institutions

- School of Mathematics and Applied Statistics, University of Wollongong (34)
- Department of Mathematics, (33)

MR4241338 Prelim Kitapbayev, Yerkin; CLOSED FORM OPTIMAL EXERCISE BOUNDARY OF THE AMERICAN PUT OPTION. *Int. J. Theor. Appl. Finance* 24 (2021), no. 1, 2150004, 18 pp. 91G20 (60)
Review PDF | Clipboard | Journal | Article

MR4217895 Prelim Mehrdoust, Farshid; Noorani, Idin; Hamdi, Abdelouahed; Calibration of the double Heston model and an analytical formula in pricing American put option. *J. Comput. Appl. Math.* 392 (2021), 113422, 11 pp. 91G20 (91G60)
Review PDF | Clipboard | Journal | Article

MR4215440 Prelim Ahmad, Manzoor; Mishra, Rajshree; Jain, Renu; A fractional reduced differential transform method for solving time fractional black Scholes American option pricing equation. *Creat. Math. Inform.* 30 (2021), no. 1, 1–10. 91G20 (35R11 62P05)
Review PDF | Clipboard | Journal | Article

MR4213424 Prelim Gapeev, Pavel V.; Li, Libo; Wu, Zhuoshu; Perpetual american cancellable standard options in models with last passage times. *Algorithms (Basel)* 14 (2021), no. 1, Paper No. 003, 11 pp. 91G20
Review PDF | Clipboard | Journal | Article

MR4212896 Prelim Zaevski, Tsvetelin S.; A new approach for pricing discounted American options. *Commun. Nonlinear Sci. Numer. Simul.* 97 (2021), 105752. 91G20 (35Q91 35R35 60G40)
Review PDF | Clipboard | Journal | Article

MR4210488 Pending Shahmorad, Sedaghat; Kalantari, Robab; Assadzadeh, Ahmad Numerical solution of fractional Black-Scholes model of American put option pricing via a nonstandard finite

http://mathscinet.ams.org

91G20的分类为：Derivative securities (option pricing, hedging, etc.)，衍生证券（期权定价、套期保值等）

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MATHEMATICAL REVIEWS

Classification expansion for '91G20'

Primary Classification

91 (1940-now) Game theory, economics, finance, and other social and behavioral sciences

91G (2010-now) Actuarial science and mathematical finance {For statistics, see 62P05}

91G20 (2010-now) Derivative securities (option pricing, hedging, etc.)

点击文本框图标可直接浏览该分类的全部文献

91G20分类Derivative securities (option pricing, hedging, etc.)的文献超过5012篇，丰富了检索结果

Matches: 5012 Show first 100 results Select Page: Previous **1** 2 3 4 5 6 Ne

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Publications results for "MSC Primary/Secondary=(91G20)"

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Item Type

- Reviewed (4228)
- Indexed (535)
- Pending (142)
- Prelim (107)

Institutions

- School of Mathematics and Applied Statistics, University of Wollongong (131)
- Department of Mathematics, Imperial College London (80)

MR4243688 Prelim Shirvani, Abootaleb; Rachev, Svetlozar T.; Fabozzi, Frank J.; Multiple subordinated modeling of asset returns: Implications for option pricing. *Econometric Rev.* 40 (2021), no. 3, 290–319. 91G30 (60 91G20)
Review PDF | Clipboard | Journal | Article

MR4243667 Prelim De Marco, Stefano; On the Harmonic Mean Representation of the Implied Volatility. *SIAM J. Financial Math.* 12 (2021), no. 2, 551–565. 91G20 (91-10)
Review PDF | Clipboard | Journal | Article

MR4241935 Prelim González-Urteaga, Ana; Nieto, Belén; Rubio, Gonzalo; Extracting expected stoc risk premia from option prices and the information contained in non-parametric-out-of-sample stochastic discount factors. *Quant. Finance* 21 (2021), no. 5, 713–727. 91G70 (91G20)
Review PDF | Clipboard | Journal | Article

MR4241933 Prelim Augustyniak, Maciej; Badescu, Alexandru; Guo, Zhiyu; Lattice-based hedging schemes under GARCH models. *Quant. Finance* 21 (2021), no. 5, 697–710. 91G60 (91G20)
Review PDF | Clipboard | Journal | Article

MR4241338 Prelim Kitapbayev, Yerkin; CLOSED FORM OPTIMAL EXERCISE BOUNDARY OF THE AMERICAN PUT OPTION. *Int. J. Theor. Appl. Finance* 24 (2021), no. 1, 2150004, 18 pp. 91G20 (60)
Review PDF | Clipboard | Journal | Article

MR4239796 Prelim Leung, Tim; Zhang, Hongzhong; Optimal Trading with a Trailing Stop. *Appl. Math. Optim.* 83 (2021), no. 2, 669–698. 91G20 (60G40 62L15 91G80)
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可再次优化检索策略提高检全率：

任意位置包含“option pricing”

或主分类、次分类为“91G20”

组合检索后的结果为7866篇，基本可以囊括数学与期权定价交叉领域的文献，接下来做数据分析

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Publications results for "Anywhere=(option pricing) OR MSC Primary/Secondary=(91G20)"

Sort by: Newest

Search within results

Item Type

- Reviewed (6526)
- Indexed (902)
- Pending (154)
- Prelim (131)
- Thesis (112)
- Expansion (41)

Institutions

- School of Mathematics and Applied Statistics, University of Wollongong (147)

MR4244129 Prelim Godin, Frédéric; Trottier, Denis-Alexandre; Option pricing in regime-switching frameworks with the Extended Girsanov Principle. *Insurance Math. Econom.* 99 (2021), 116–129.
Review PDF | Clipboard | Journal | Article

MR4243928 Prelim Ramos-Calderer, Sergi; Pérez-Salinas, Adrián; García-Martín, Diego; Bravo-Prieto, Carlos; Cortada, Jorge; Planagumà, Jordi; Latorre, José I.; Quantum unary approach to option pricing. *Phys. Rev. A* 103 (2021), no. 3, 032414–.
Review PDF | Clipboard | Journal | Article

MR4243688 Prelim Shirvani, Abootaleb; Rachev, Svetlozar T.; Fabozzi, Frank J.; Multiple subordinated modeling of asset returns: Implications for option pricing. *Econometric Rev.* 40 (2021), no. 3, 290–319. 91G30 (60 91G20)
Review PDF | Clipboard | Journal | Article

MR4243667 Prelim De Marco, Stefano; On the Harmonic Mean Representation of the Implied Volatility. *SIAM J. Financial Math.* 12 (2021), no. 2, 551–565. 91G20 (91-10)
Review PDF | Clipboard | Journal | Article

MR4243283 Prelim Roul, Pradip; Goura, V. M. K. Prasad; A compact finite difference scheme for fractional Black-Scholes option pricing model. *Appl. Numer. Math.* 166 (2021), 40–60. 65M06 (35 65M12 91)
Review PDF | Clipboard | Journal | Article

发文较多机构：卧龙岗大学、同济大学、伦敦大学、帝国理工学院、瓦伦西亚理工大学等

School of Mathematics and Applied Statistics, University of Wollongong(147)

Department of Mathematics, Tongji University(107)

Department of Mathematics, University of London(95)

Department of Mathematics, Imperial College London(86)

Instituto de Mathemática Multidisciplinar, Polytechnical University of Valencia(85)

Department of Mathematics, Yonsei University(82)

Mathematical Institute, University of Oxford(81)

发文较多学者
Zhu, Song-Ping(60)
Siu, Tak Kuen(50)
Elliott, Robert James(49)
Madan, Dilip Bal(42)
Oosterlee, Cornelis W.(42)

文章所属主分类
Game theory, economics, social and behavioral sciences(5781)
Probability theory and stochastic processes(756)
Numerical analysis(502)
Operations research, mathematical programming(203)
Statistics(202)

刊文较多期刊
Quant. Finance(517)
Int. J. Theor. Appl. Finance(426)
Math. Finance(226)
J. Comput. Appl. Math.(197)
Finance Stoch.(171)
Appl. Math. Finance(154)

刊文较多期刊
SIAM J. Financial Math.(151)
Insurance Math. Econom.(149)
Phys. A(126)
European J. Oper. Res.(110)
J. Econom. Dynam. Control(104)
Int. J. Financ. Eng.(100)
Appl. Math. Comput.(82)
Comput. Math. Appl.(81)
Math. Econ.(71)
Ann. Appl. Probab.(69)
Int. J. Comput. Math.(65)
Stochastic Process. Appl.(58)

91G20类高被引文献，路径：MathSciNet首页—>Citations —> Search by Subject，建议采用二级分类

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Subject classification: 91G20

Publication Type: All

Citations to display: 10

Search

Citations	Publication
1330	**MR3363443** Black, Fischer; Scholes, Myron The pricing of options and corporate liabilities. *J. Polit. Econ.* 81 (1973), no. 3, 637–654. 91G20 (60H30)
155	**MR3929676** Heston, Steven L. A closed-form solution for options with stochastic volatility with applications to bond and currency options. *Rev. Financ. Stud.* 6 (1993), no. 2, 327–343. 91G20 (91B70)
111	**MR3066985** Beiglböck, Mathias; Henry-Labordère, Pierre; Penkner, Friedrich Model-independent bounds for option prices—a mass transport approach. *Finance Stoch.* 17 (2013), no. 3, 477–501. (Reviewer: Răzvan Răducanu) 91G20 (49Q20 91G80)
95	**MR2762363 (2012c:91228)** Hobson, David The Skorokhod embedding problem and model-independent bounds for option prices. *Paris-Princeton Lectures on Mathematical Finance 2010*, 267–318, Lecture Notes in Math., 2003, *Springer, Berlin,* 2011. 91G20 (60H30)
89	**MR2808878** Bäuerle, Nicole; Rieder, Ulrich Markov decision processes with applications to finance. Universitext. *Springer, Heidelberg,* 2011. xvi+388 pp. ISBN: 978-3-642-18323-2 (Reviewer: Ł. Stettner) 91G20 (60H30 60J25 90C40 91A60 91G80 93E20) Book

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英国华威大学教授Hobson, David G.

Hobson, David G.

MR Author ID: 310419

德国卡尔斯鲁厄理工学院教授Bäuerle, Nicole

Bäuerle, Nicole

MR Author ID: 611405

普林斯顿大学教授Soner, Halil Mete

Soner, Halil Mete

澳大利亚卧龙岗大学Zhu Song-Ping教授

Zhu, Song-Ping

MR Author ID:	268496
Earliest Indexed Publication:	1989
Total Publications:	99
Total Citations:	293

Published as: Zhu, S. P. (1)
Zhu, S.-P. (2)
Zhu, Song Ping (1)
Zhu, Song-Ping (81)
Zhu, Song-ping (1)
Zhu, Songping (13)

Publications
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荷兰代尔夫特理工大学教授Oosterlee, Cornelis W.

Oosterlee, Cornelis W.

MR Author ID:	338003
Earliest Indexed Publication:	1993
Total Publications:	152
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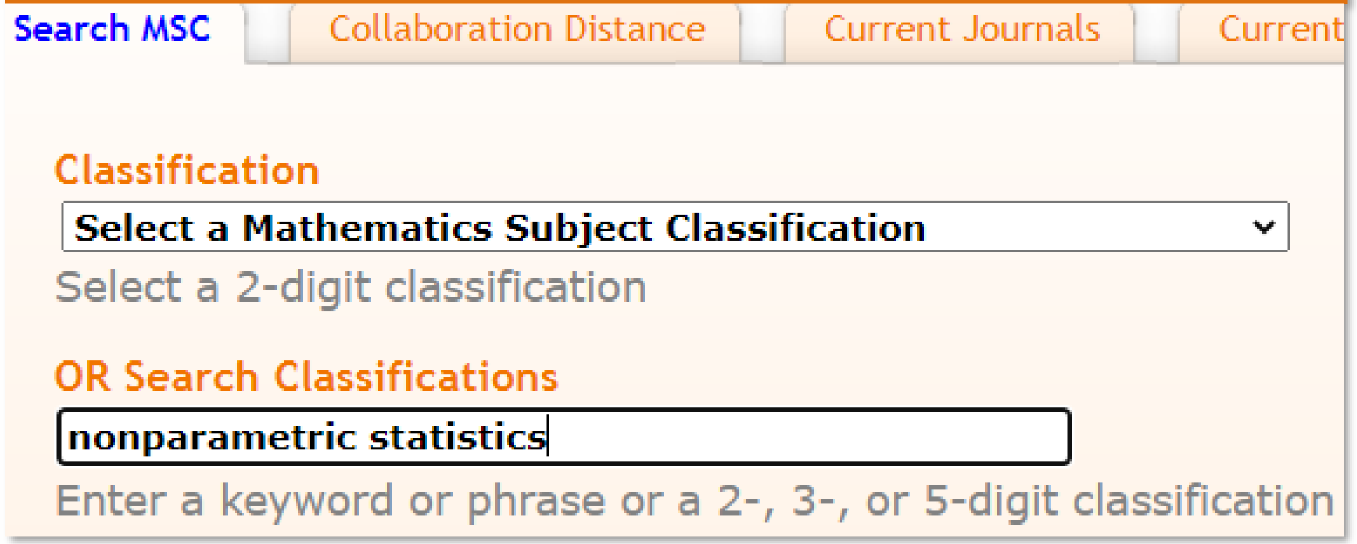

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MSC results for "nonparametric statistics"

62 (1940-now) Statistics

62G (1973-now) Nonparametric inference

62G05 (1973-now) Nonparametric estimation
62G07 (1991-now) Density estimation
62G08 (2000-now) Nonparametric regression and quantile regression
62G09 (1991-now) Nonparametric statistical resampling methods
62G10 (1973-now) Nonparametric hypothesis testing
62G15 (1973-now) Nonparametric tolerance and confidence regions
62G20 (1973-now) Asymptotic properties of nonparametric inference
62G30 (1973-now) Order statistics; empirical distribution functions
62G32 (2000-now) Statistics of extreme values; tail inference
62G35 (1973-now) Nonparametric robustness
62G86 (2010-now) Nonparametric inference and fuzziness
62G99 (1973-now) None of the above, but in this section

62G05（1973年至今）非参数估计
62G07（1991年至今）密度估算
62G08（2000年至今）非参数回归与分位数回归
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62G10（1973年至今）非参数假设检验
62G15（1973年至今）非参数公差和置信域
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Institutions

- Department of Statistics, University of California (320)
- Department of Statistics, Texas A & M University (254)
- Department of Statistics, North Carolina State (167)

Authors

- Hall, Peter Gavin (226)

MR4236597 Prelim Comte, Fabienne; Genon-Catalot, Valentine; Nonparametric estimation for i.i.d. Gaussian continuous time moving average models. *Stat. Inference Stoch. Process.* 24 (2021), no. 1, 149–177. 62G05 (62M09)
Review PDF | Clipboard | Journal | Article

MR4236593 Prelim Arfè, Andrea; Peluso, Stefano; Muliere, Pietro; The semi-Markov beta-Stacy process: a Bayesian non-parametric prior for semi-Markov processes. *Stat. Inference Stoch. Process.* 24 (2021), no. 1, 1–15. 60K15 (62F15 62G05)
Review PDF | Clipboard | Journal | Article

MR4235194 Prelim Russell, Thomas M.; Sharp Bounds on Functionals of the Joint Distribution in the Analysis of Treatment Effects. *J. Bus. Econom. Statist.* 39 (2021), no. 2, 532–546. 62G05 (60D05 60E15 62D20)
Review PDF | Clipboard | Journal | Article

MR4235190 Prelim Florens, Jean-Pierre; Simoni, Anna; Gaussian Processes and Bayesian Moment Estimation. *J. Bus. Econom. Statist.* 39 (2021), no. 2, 482–492. 62F15 (62G05 91B42)
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MR4235185 Prelim Dunbar, Geoffrey R.; Lewbel, Arthur; Pendakur, Krishna; Identification of Random Resource Shares in Collective Households Without Preference Similarity Restrictions. *J. Bus. Econom. Statist.* 39 (2021), no. 2, 402–421. 62P25 (62G05)
Review PDF | Clipboard | Journal | Article

MR4235184 Prelim Lian, Heng; Qiao, Xinghao; Zhang, Wenyang; Homogeneity Pursuit in Single Index Models based Panel Data Analysis. *J. Bus. Econom. Statist.* 39 (2021), no. 2, 386–401. 91B82 (62G05)
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Department of Statistics, North Carolina State University(167)

College of Applied Sciences, Beijing University of Technology(166)

Department of Biostatistics, University of North Carolina(165)

Laboratoire de Statistique Théorique et Appliquée (LSTA), Université de Paris VI (Pierre et Marie Curie)(158)

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Hall, Peter Gavin(226)
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Härdle, Wolfgang Karl(89)
Müller, Hans-Georg(87)
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Xue, Liu Gen(86)

文章所属主分类
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Probability theory and stochastic processes(570)
Game theory, economics, social and behavioral sciences(209)
Systems theory; control(106)

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887	**MR1045442 (91g:62028)** Wahba, Grace Spline models for observational data. CBMS-NSF Regional Conference Series in Applied Mathematics, 59. *Society for Industrial and Applied Mathematics (SIAM), Philadelphia, PA,* 1990. xii+169 pp. ISBN: 0-89871-244-0 (Reviewer: Girdhar G. Agarwal) 62G05 (62J02 65D10 65U05)	Book
858	**MR1383587 (97f:62063)** Fan, J.; Gijbels, I. Local polynomial modelling and its applications. Monographs on Statistics and Applied Probability, 66. *Chapman & Hall, London,* 1996. xvi+341 pp. ISBN: 0-412-98321-4 (Reviewer: Theo Gasser) 62G05 (62J02)	Book
692	**MR0848134 (87k:62074)** Silverman, B. W. Density estimation for statistics and data analysis. Monographs on Statistics and Applied Probability. *Chapman & Hall, London,* 1986. x+175 pp. ISBN: 0-412-24620-1 (Reviewer: David W. Scott) 62G05	Book
601	**MR1311089 (95m:62076)** Donoho, David L.; Johnstone, Iain M. Ideal spatial adaptation by wavelet shrinkage. *Biometrika* 81 (1994), no. 3, 425–455. (Reviewer: Ewaryst Rafajłowicz) 62G05	
478	**MR0946049 (90b:62047)** Owen, Art B. Empirical likelihood ratio confidence intervals for a single functional. *Biometrika* 75 (1988), no. 2, 237–249. (Reviewer: Gregory Campbell) 62G05 (62G10 62G15)	

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62G05领域高影响力学者

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加州大学van der Laan, Mark J.

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MR4243219 Prelim Birindiba, Pedro; Gelfert, Katrin; When winning sets have full dimension. *Involve* 14 (2021), no. 2, 195–207. 91A44 (28A78 28A80 37C45)
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MR4242471 Prelim Hou, Jian; Li, Wenshan; Jiang, Mingyue; Opinion dynamics in modified expressed and private model with bounded confidence. *Phys. A* 574 (2021), 125968. 91 (37)
Review PDF | Clipboard | Journal | Article

MR4241196 Prelim Chotibut, Thiparat; Falniowski, Fryderyk; Misiurewicz, Michał; Piliouras, Georgios; Family of chaotic maps from game theory. *Dyn. Syst.* 36 (2021), no. 1, 48–63. 37E05 (37C25 91A05)
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MR4239017 Prelim Jeon, Junkee; Park, Kyunghyun; Optimal surrender time for a variable annuity with a fixed insurance fee. *Bull. Korean Math. Soc.* 58 (2021), no. 2, 349–364. 91 (35Q93 37H10)
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MR4238320 Prelim Danca, Marius-F.; Coexisting Hidden and Self-Excited Attractors in an Economic Model of Integer or Fractional Order. *Internat. J. Bifur. Chaos Appl. Sci. Engrg.* 31 (2021), no. 4, 2150062, 15 pp. 91 (37C70)
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MR4237928 Prelim Nie, Chun-Xiao; Erratum: "Dynamics of the price-volume information flow based on surrogate time series" [Chaos 31(1), 013106 (2021)]. *Chaos* 31 (2021), no. 4, 049902, 1 pp. 91B84 (37M10 37N40)

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- St. Petersburg State University (600)
- Department of Statistics and Actuarial Science, University of (451)

MR4228678 Prelim Jiang, Kaichen; Wang, Jinhuan; Stabilization of a class c intermittent control. *Sci. China Inf. Sci.* 65 (2022), no. 4, Paper No. 149203. 9 93D15)
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MR4173655 Pending Clontz, Steven Arhangelskii's α-principles and selection 59 (2022), 13–23. 54A20 (54D20 91A44)
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MR4243969 Prelim Fander, Atieh; Yaghoubi, Saeed; Asl-Najafi, Javad; Chen coordination based on technology level and lead-time considerations. *RAIRO C* 2, 793–810. 91A11 (91A35)
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MR4243732 Prelim Chadha, Karan N.; Kulkarni, Ankur A.; Nair, Jayakrishna tradeoff in battery sharing. *Oper. Res. Lett.* 49 (2021), no. 3, 377–384. 90B05
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MR4243731 Prelim He, Xue Dong; Jiang, Zhaoli; Optimal payoff under the of choice. *Oper. Res. Lett.* 49 (2021), no. 3, 372–376. 91
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MR4243728 Prelim Xu, Jing; Lose oneself in comparison: An investment an between two agents. *Oper. Res. Lett.* 49 (2021), no. 3, 350–356. 91 (49L20 9
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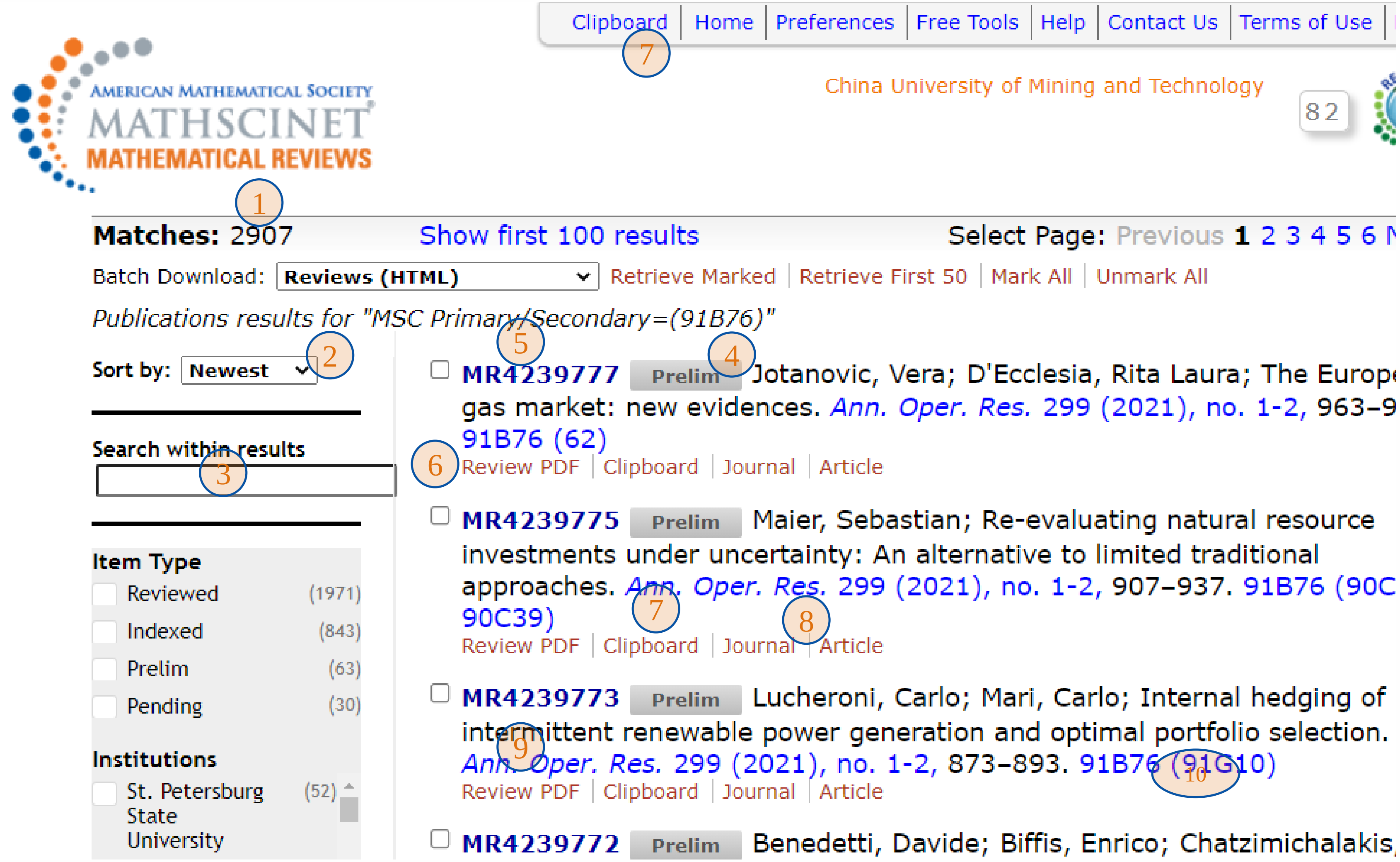

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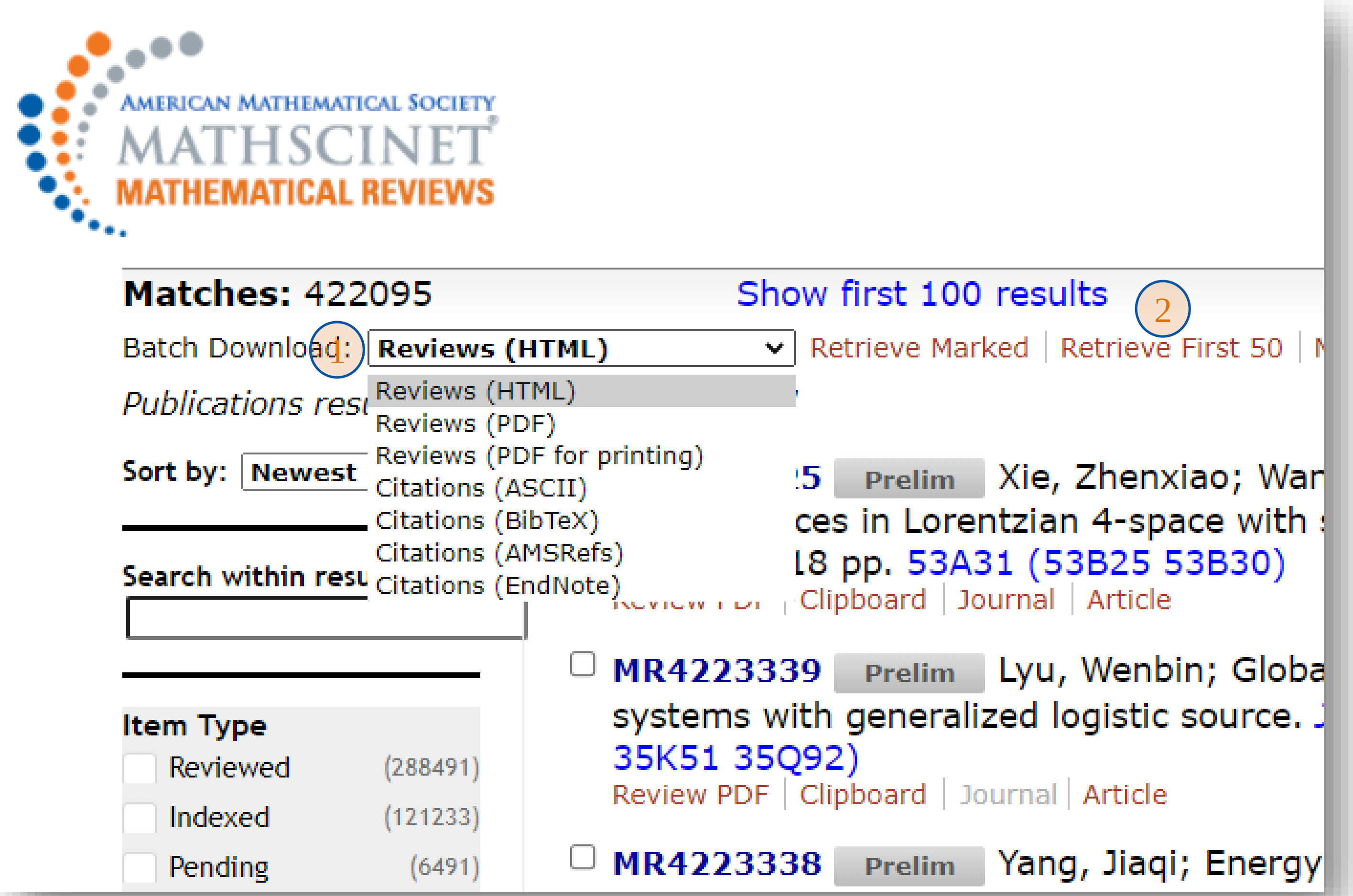

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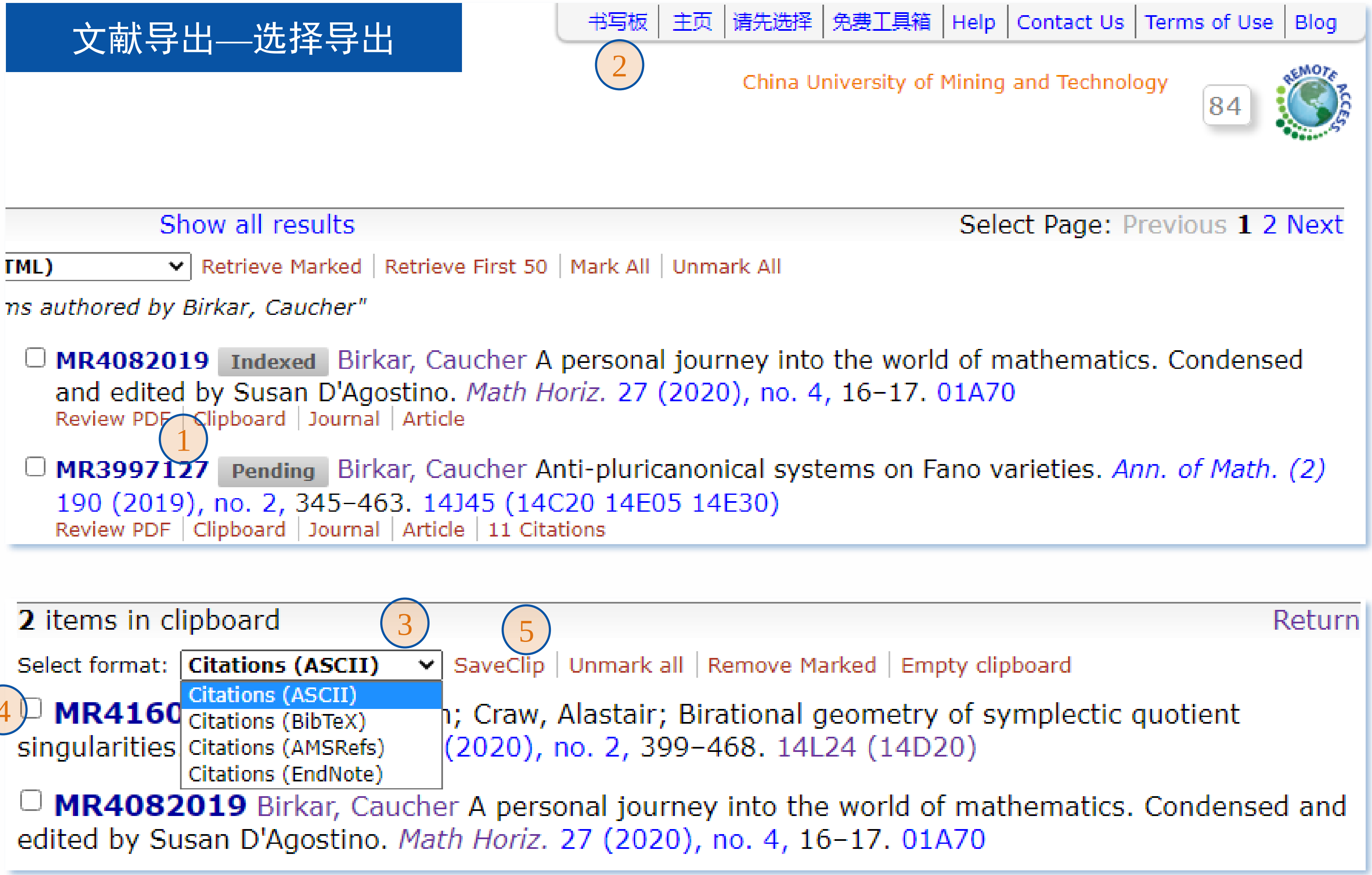

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MR4209628 Prelim Yang, Fangfang; Zhang, Zizhen; Dynamics spreading model with two delays. *AIMS Math.* 6 (2021), no. 4, 40
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MR4198342 Reviewed Dai, Daoming; Wu, Xuanyu; Si, Fengshan transportation in a vaccine supply chain considering activity inspe *Equ.* 2021, Paper No. 39, 18 pp. 91B55 (37N40)
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点击Collaboration Distance 可查询汪老师的Erdos数或与同行的合作距离

MR Erdos Number = 4

Kai Wang[9]	coauthored with	Juan J. Nieto Roig	MR4040100
Juan J. Nieto Roig	coauthored with	Ravi P. Agarwal	MR2580143
Ravi P. Agarwal	coauthored with	Steven George Krantz	MR2323472
Steven George Krantz	coauthored with	Paul Erdős[1]	MR0957190

汪老师通过五次合著关系，与华罗庚实现关联

MR Collaboration Distance = 5

Kai Wang[9]	coauthored with	Juan J. Nieto Roig	MR4040100
Juan J. Nieto Roig	coauthored with	Mingxin Wang[1]	MR1244394
Mingxin Wang[1]	coauthored with	Xia Qi Ding	MR1228849
Xia Qi Ding	coauthored with	Yuan Wang[1]	MR0466013
Yuan Wang[1]	coauthored with	Luo Geng Hua	MR0617192

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出版物 | 作者 | 杂志 | Citations

作者姓名: or MR Author ID

tao 1

- Tao Terence C
- Tang Tao
- Tao Youshan
- Lü Tao
- Tao Min
- Tao Gang
- Pham Dinh Tao
- Zhang Yong-Tao

Publications (by number in area) 7

Algebraic geometry Combinatorics Computer science Convex and discrete geometry Differential geometry Dynamical systems and ergodic theory Fourier analysis Functional analysis General General topology Global analysis, analysis on manifolds Group theory and generalizations History and biography Information and communication, circuits Integral transforms, operational calculus Linear and multilinear algebra; matrix theory Measure and integration Number theory Numerical analysis Operator theory Ordinary differential equations Other Partial differential equations Probability theory and stochastic

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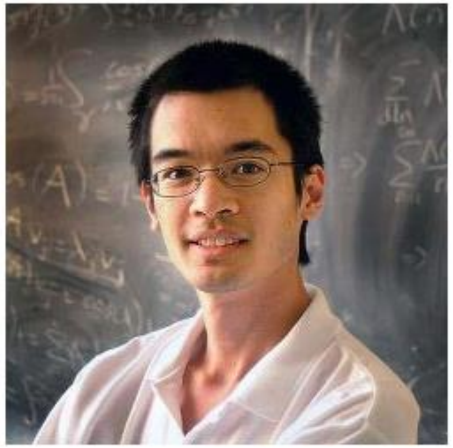

Tao, Terence C. 2

MR Author ID:	361755
Earliest Indexed Publication:	1996
Total Publications:	322
Total Related Publications:	32
Total Citations:	16640

⊟ Published as: Tao, T. (28)
Tao, Terence (318)
3 Tao, Terence C. (1)
Tao, Terence Chi-Shen (2)
Tao, Terrence (1)
Tao, Terry (4)

- Publications
- Related Publications
- Reviews 4
- Refine Search
- Co-Authors
- Collaboration Distance
- Mathematics Genealogy Project 5
- MacTutor History of Mathematics Archive
- Citations

Co-authors (by number of collaborations) 6

Austin, Timothy Derek Bennett, Jonathan M. Bergelson, Vitaly Bourgain, Jean Breuillard, Emmanuel F. Canc Emmanuel J. Carbery, Anthony Chang, Sun-Yung Alice Christ, Michael Colliander, James E. Cowling, Mic G. Córdoba, Antonio Juan Demeter, Ciprian Eisner, Tan Fefferman, Charles Louis Ford, Kevin B. Fröhlich, Jürg Grafakos, Loukas Georgios Green, Ben Joseph

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Publications (by number of citation 8

Algebraic geometry Combinatorics Computer science Convex and discrete geometry Differential geometry Dynamical systems and ergodic theory Fourier analysis Functional analysis General General topology Global analysis, analysis on manifolds Group theory and generalizations History and biography Information and communication, circuits Integral transforms, operational calculus Linear and multilinear algebra; matrix theory Measure and integration Number theory Numerical analysis Operator theory Ordinary differential equations Partial differential

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Mathematics Genealogy Projec

Terence Chi-Shen Tao

MathSciNet

Ph.D. Princeton University 1996

Dissertation: *Three Regularity Results in Harmonic Analysis*

Advisor: Elias Menachem Stein

Students:
Click here to see the students listed in chronological order.

Name	School	Year	Descendants
Austin, Timothy	University of California, Los Angeles	2010	
Benatar, Jacques	University of California, Los Angeles	2015	
Bueti, John	University of California, Los Angeles	2006	
Cook, Nicholas	University of California, Los Angeles	2016	
Garibaldi, Julia	University of California, Los Angeles	2004	
Greenblatt, Jordan	University of California, Los Angeles	2016	
Hani, Zaher	University of California, Los Angeles	2011	
Krause, Ben	University of California, Los Angeles	2015	
Kwon, Soonsik	University of California, Los Angeles	2008	1

如您的导师或学生在MGP网站注册登记了其个人信息，您可以选择与其关联，国内有多个高校的师生在线登记过其导师或学生信息，如中国科技大学等。

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搜索毕业院校（博士学位），以北京大学为例

Search the database

266213 records as of 21 April 2021

View the growth of the genealogy project

Thank you for visiting the Mathematics Genealogy Project web page. We hope you find the information here both interesting and helpful. While you are visiting this site, please keep in mind that this is an ongoing project. Due to the difficulty in obtaining the type of organized data we need, and the varying sources of data, this project is continuously changing.

Not all fields are required to search for a particular mathematician. Partial matches will work as well. See examples and tips below.

First/Given Name	
Middle Name	
Last/Family Name	
Name of School	peking
Year of Degree	
Thesis Keyword	
Country	
Math Subject Class	

提交 重置

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截至2020年，北京大学登记过的博士或导师有169人

Your search has found 169 records in our database.
Display results in chronological order.

An, Jinpeng	Peking University	2006
Bao, Jiguang	Peking University	1998
Chang, Jinyuan	Peking University	2013
Chen, Jiyong	Peking University	2018
Chen, Lei	Peking University	2020
Chen, Xiaodian	Peking University	2016
Chen, Yifan	Peking University	2013
Chen, Yong	Peking University	2006
Chen, Zhuo	Peking University	2004
Cheng, Cheng	Peking University	2017
Chu, Jianchun	Peking University	2017
Chu, Weijuan	Peking University	2011
Dai, Song	Peking University	2015
Deng, Ming-Hua	Peking University	1998
Deng, Yanjuan	Peking University	2005
Dong, Guangfeng	Peking University	2013
Dong, Yiqiu	Peking University	2007
Du, Xiaoming	Peking University	2009
Fan, Qihong	Peking University	1991
Fu, Feng	Peking University	2010

截至2020年，普林斯顿大学登记过的博士或导师有2670人

Your search has found 2670 records in our database.
Display results in chronological order.

Abbott, Robert	Princeton University	1991
Abelson, Robert	Princeton University	1953
Abreu, Dilip	Princeton University	1983
Aceveido-Garcia, Dolores	Princeton University	1996
Adamson, Iain	Princeton University	1952
Adelberg, Arnold	Princeton University	1996
Adem, Alejandro	Princeton University	1986
Adem Chahin, Jose	Princeton University	1952
Adjiman, Claire	Princeton University	1998
Adler, Edward	Princeton University	1978
Adler, Stephen	Princeton University	1964
Adolphson, Alan	Princeton University	1974
Afshordi, Niayesh	Princeton University	2004
Agarwal, Niket	Princeton University	2011
Aggarwal, Vaneet	Princeton University	2010
Agishtein, Michael	Princeton University	1990
Ahmed, Amal	Princeton University	2004
Ahn, SeHyoun	Princeton University	2017
Aho, Alfred	Princeton University	1967
Ahuja, Sunil	Princeton University	2009
Ailon, Nir	Princeton University	2006
Akhmetova, Zhanar	Princeton University	2011
Akin, Ethan	Princeton University	1969
Al, Mert	Princeton University	2020

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MathSciNet期刊评价指数（MCQ）

数学文献的特点：

分支学科多、小众期刊多、新刊多、文献老化速度慢、文献被引数量少等。

常见的IF（JCR）、 CiteScore（ Scopus ）及其他分区指标在数学领域有一定局限性。

AMS选择了804种期刊、4种丛书，对其参考文献加工标引，形成较为可靠的引文数据库，将每份期刊过去五年被引次数除以过去五年的其刊载总篇数，计算出MCQ指标。

下为2019年的TOP100部分期刊，有纯数学，也有应用数学、统计、计算机、经济等

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作者被引用的信息 | 杂志被引用的信息 | Search by Subject | Search by Year | Top 10 Lists

ISSN 2167-5163

Top Journal MCQs

下表为2019年MathSciNet发布期刊MCQ值排名

Select List: Journals by MCQ
Citing Year: 2019
Items to display: 10

MCQ	Journal Abbreviation
7.83 (96% cited)	Acta Numer.
5.24 (97% cited)	Ann. of Math.
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4.67 (100% cited)	Publ. Math. Inst. Hautes Études Sci.
4.48 (100% cited)	Forum Math. Pi
3.97 ([illegible] cited)	Acta Math.

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4.67 (100% cited)	Publ. Math. Inst. Hautes Études Sci.
4.48 (100% cited)	Forum Math. Pi
3.97 (98% cited)	Acta Math.
3.56 (97% cited)	Invent. Math.
3.43 (95% cited)	Comm. Pure Appl. Math.
3.34 (93% cited)	EMS Surv. Math. Sci.
2.98 (100% cited)	Ann. PDE
2.87 (94% cited)	Mem. Amer. Math. Soc.
2.86 (92% cited)	Math. Models Methods Appl. Sci.
2.80 (80% cited)	Found. Trends Theor. Comput. Sci.
2.73 (97% cited)	Duke Math. J.
2.68 (85% cited)	Probab. Surv.
2.63 (97% cited)	Camb. J. Math.
2.53 (94% cited)	Arch. Ration. Mech. Anal.
2.48 (93% cited)	SIAM J. Numer. Anal.
2.47 (96% cited)	Ann. Probability
2.44 (91% cited)	Ann. Inst. H. Poincaré Anal. Non Linéaire
2.36 (100% cited)	Trans. Amer. Math. Soc. Ser. B
2.33 (66% cited)	Trans. Math. Appl.
2.29 (91% cited)	Comput. Methods Appl. Mech. Engrg.
2.29 (97% cited)	J. Eur. Math. Soc. (JEMS)
2.29 (95% cited)	Probab. Theory Related Fields
2.27 (94% cited)	Geom. Funct. Anal.
2.25 (94% cited)	J. Differential Geom.
2.23 (97% cited)	Ann. Sci. Éc. Norm. Supér. (4)
2.22 (92% cited)	J. Math. Pures Appl. (9)
2.15 (61% cited)	Albanian J. Math.
2.14 (93% cited)	Found. Comput. Math.
2.12 (91% cited)	Calc. Var. Partial Differential Equations
2.12 (91% cited)	SIAM J. Optim.
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2.09 (90% cited)	J. Differential Equations
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2.01 (87% cited)	Bull. Math. Sci.
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1.80 (92% cited)	J. Algebraic Geom.
1.80 (94% cited)	J. Topol.
1.78 (90% cited)	Comm. Partial Differential Equations
1.74 (92% cited)	IMA J. Numer. Anal.
1.72 (90% cited)	SIAM J. Math. Anal.
1.69 (95% cited)	Amer. J. Math.
1.65 (88% cited)	J. Sci. Comput.
1.65 (92% cited)	Adv. Math.
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1.59 (92% cited)	Compos. Math.
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1.58 (90% cited)	Math. Finance
1.55 (89% cited)	Stoch. Partial Differ. Equ. Anal. Comput.
1.55 (83% cited)	J. ACM
1.55 (91% cited)	SIAM J. Matrix Anal. Appl.
1.53 (93% cited)	J. Reine Angew. Math.
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1.50 (95% cited)	Forum Math. Sigma

AMS电子刊简介

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Journal of AMS（JAMS） 为数学TOP4期刊

TRANS of AMS（TAMS）

MEMO of AMS（MAMS）

Bulletin of AMS（BAMS）

综合性期刊常年位居数学类前列。

Mathematics of Computation （MCOM）

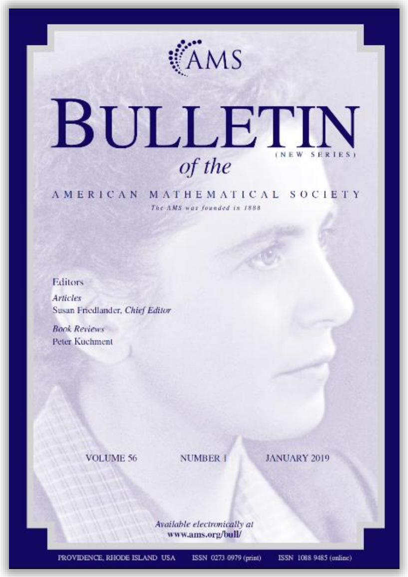
Journal of Algebraic Geometry（JAG）

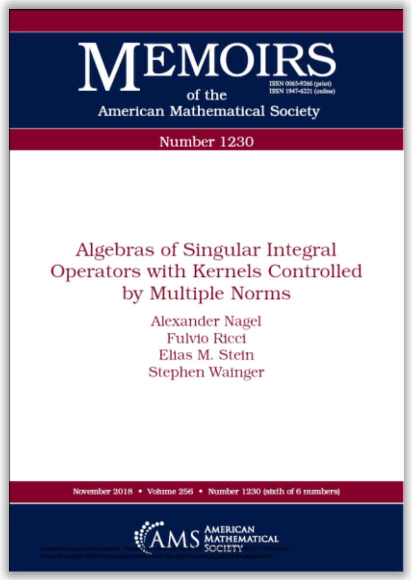
Journal of Operator Theory（JOT）

Quarterly of Applied Mathematics（QAM）

Journal of the Ramanujan Mathematical Society（JRMS）

分别是计算数学、代数几何、算子、应用数学及数论领域的高级别期刊。





1、Journal of the AMS （1988~）
年发文量20~30篇，每年刊文约1200页

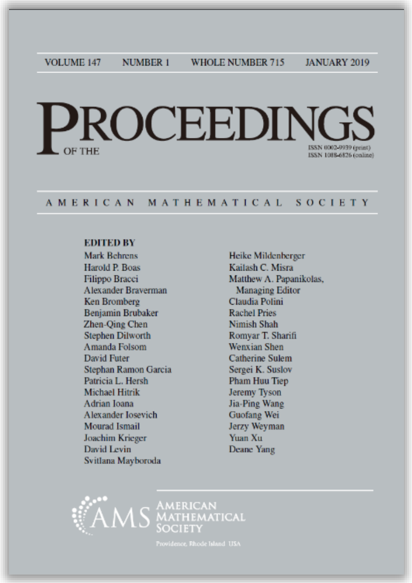
2、Bulletin of the AMS （1891~）
年发文量30~40篇，每年刊文约570页

3、Memoris of the AMS （2014~）
年发文量30篇左右，单篇文章要求100页左右

4、Transactions of the AMS （1900~）
年发文量250~300篇，每年刊文约9000页

5、Proceedings of the AMS （1950~）
年发文量450~500篇，每年刊文约5500页

这五份期刊为综合性期刊，刊文的分类涵盖了数学的多个领域，Proc发表稍容易一些。



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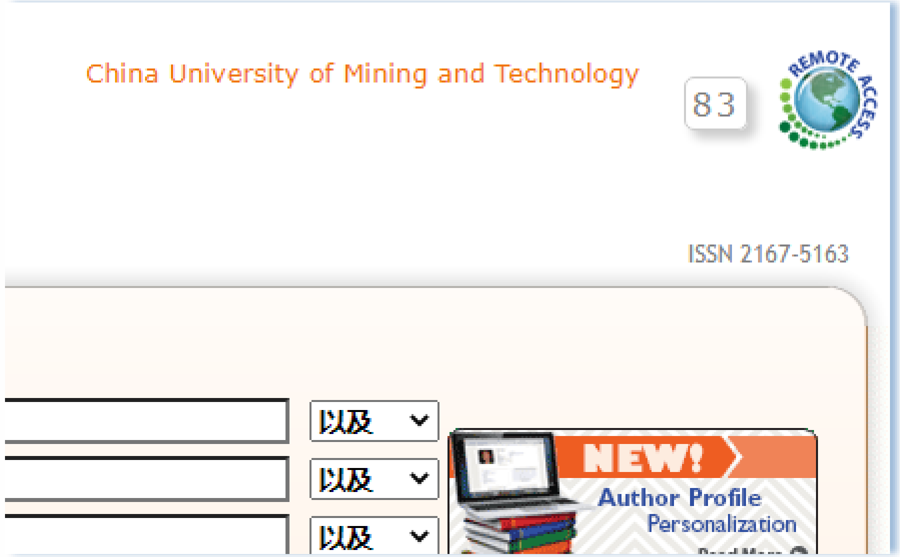

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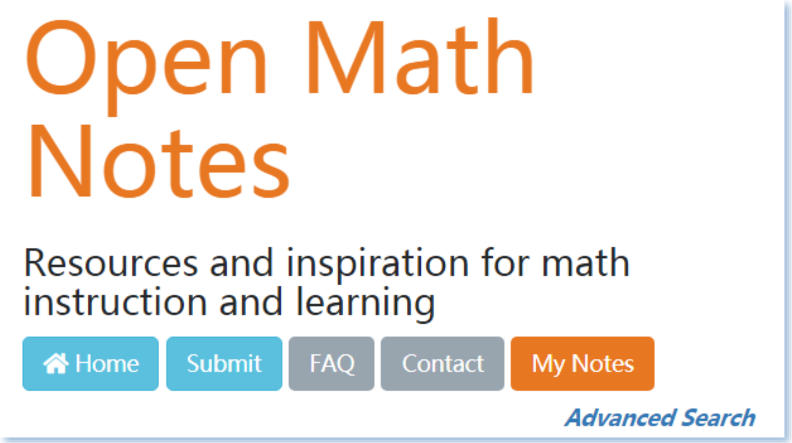

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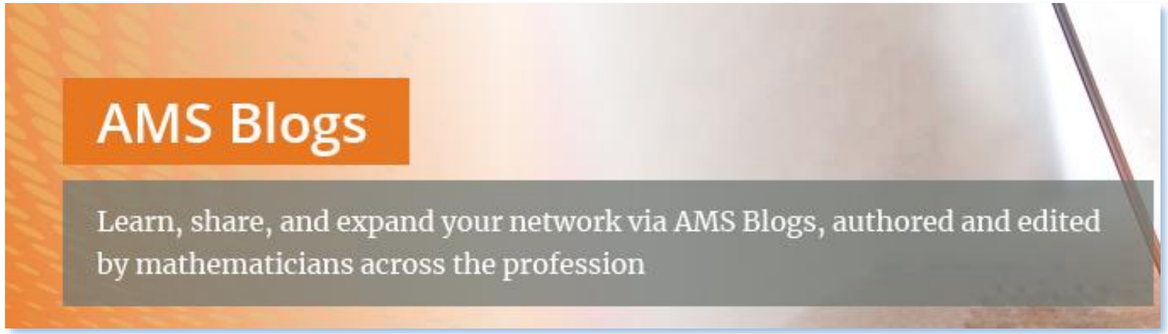

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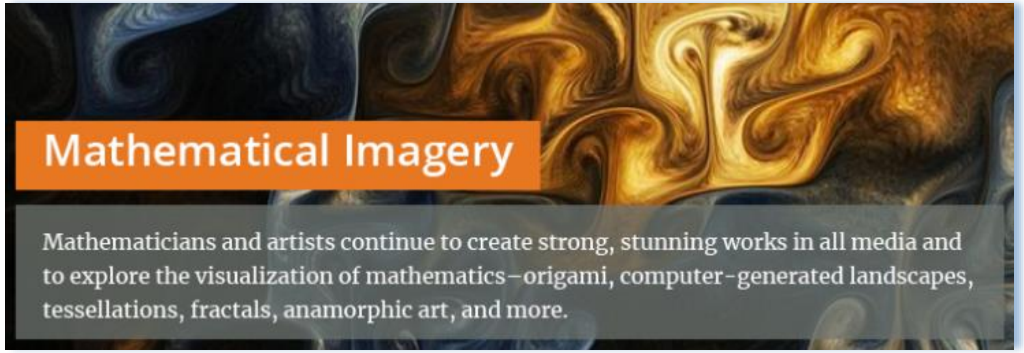
访问入口：www.ams.org/about-us/blogs



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