

科技论文投稿金钥匙

# 国外科技核心期刊投稿大全

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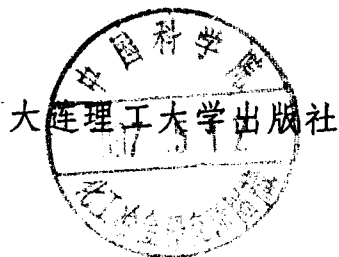
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# 国外科技核心期刊投稿大全

—— 科技论文投稿金钥匙

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8/10/02



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## 内 容 提 要

本书选编了国外近 400 种西文核心期刊的投稿要求、刊载内容范围、刊物详细投稿地址。涉及数学、力学、物理、化学、工程技术、动力工程、电技术、计算机技术、金属学、机械工程、化学工程、土木和运输等领域。

书中采用最新投稿资料,用中文介绍期刊内容,其特点是资料翔实、实用性强、查找方便。是高等院校及科研院所教师、科研人员、硕士和博士研究生进行科学研究的必备工具书。

### 国外科技核心期刊投稿大全

Guowai Keji Hexin Qikan Tougao Daquan

——科技论文投稿金钥匙

主编 张燕燕 程颖

主审 吴允和

\* \* \*

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# 国外科技核心期刊投稿大全

—— 科技论文投稿金钥匙

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## 前 言

撰写与发表学术论文，在科研活动中具有重要意义。19世纪杰出的物理学家、化学家法拉第曾经说过，科学研究有三个阶段：首先是开拓；其次是完成；第三是发表。所谓发表，就是把科技成果写成论文，公诸于世。只有这样，科技成果才能为社会所共知，从而进一步转化为社会生产力。

在国际刊物上发表文章，具有更深一层的意义，它能快速、直接地向国外科技界介绍我国科学技术的发展水平和成就，与各国同行们进行交流，使我国科技工作者从中得到启示和借鉴，有助于改进和充实自己的科技成果。

向国外期刊投稿，不仅需要英文等语种撰写，而且还要符合各家刊物对稿件的具体要求。为了帮助科技人员准确、有效地对外投稿，大连理工大学图书馆的科技情报人员选编了近400种有关数学、力学、物理、化学、工程技术、动力工程、电工与电子技术、计算机与自动化技术、金属学、机械工程、化学工程、土木建筑和运输工程方面的西文核心期刊，选取最新投稿资料和详细投稿地址，介绍期刊内容，按类汇编成这部实用性强、资料翔实的工具书。该书还收录了各刊的重要索引刊物，据此读者不但可以了解该刊的权威性，而且还可以在刊物中查找已发表的文章是否被摘录。

该书用中文介绍各种期刊的内容范围，有助于读者快捷了解当代国外重要科技信息和期刊。

目前，虽然介绍投稿基本知识方面的图书已有出版，但是像这样全面、实用的工具书尚无先例。拥有此书，投稿者不必东奔西走，也不必期期翻检，就能完成从择刊到投稿的全过程。该书是大专院校、科研院所的教师、科研人员、博士及硕士研究生进行科学研究的好帮手。

在编撰此书过程中，我们参考了世界图书出版公司出版的《国外科技核心期刊手册》和万国学术出版社出版的《外国报刊目录》第八版，在此一并致谢。

由于编者水平有限和时间仓促，书中的错误与不当之处，恳请读者批评指正。

编 者

1995年7月

## 使用 说 明

书中正文按学科分类编排,每类下按刊名字顺排。每种期刊介绍刊名、中文译名、国别、内容范围、投稿须知、投稿地址、收录该刊的重要检索工具。正文前有分类目录,书后附有刊名总索引。

书中选用的七种检索期刊是:应用力学评论 (Appl. Mech. Rev.), 化学文摘 (Chem. Abstr.), 工程索引 (Eng. Ind.), 数学评论 (Math. R.), 金属文摘 (Met. Abstr.), 科学文摘 (Sci. Abstr.), 科学引文索引 (Sci. Cit. Ind.)。

另外,为扩大信息量,减少篇幅,我们将原刊投稿须知中共有的、常识性的内容做了删减,在此集中做如下说明:

1. 所投的稿件,必须是未在公开刊物上发表过,并且也不考虑另在他刊发表。作者自己保留一份底稿。
2. 如果未做特别说明,均是要求用英文写稿,隔行单面打字,留较宽的空边。
3. 要收发表费的期刊,均已做了说明,未说明者,不收发表费。文章出版后,赠送作者 30~50 份抽印本。
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6. 文章引用的参考文献应易查到;文摘不得引用参考文献;脚注应尽量避免。
7. 多作者的稿件,如果没有特别说明,则将初校样寄给第一作者校对。校完的稿按规定时间(一般是收到后 48 小时)寄回出版社。
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## 数 学

### Advances in Applied Probability 应用概率论进展 (英国)

#### 内容范围

刊载应用概率论领域的评论和综述性文章,篇幅较长的研究论文以及在各种会议上宣读而未编入其会议录的论文等。

#### 投稿须知

Papers should be written in English or French. For efficiency in processing, authors are requested to send three copies of all submissions to the Applied Probability Office in Sheffield. Scripts should be typewritten, using double spacing, and at least one copy should be on one side of the paper only. Each paper should be accompanied by

- (i) a short abstract of approximately 4-10 lines giving a non-mathematical description of the subject matter and results;
- (ii) a list of keywords detailing the contents;
- (iii) primary and secondary classifications using the 1991 Mathematics Subject Classification, to be found in the 1990 Annual Index of Mathematical Reviews.

#### 投稿地址

Executive Editor, Applied Probability  
Department of Probability and Statistics  
The University, Sheffield S3 7RH, UK

#### Indexed in

Math. R.  
Sci. Abstr.  
Sci. Cit. Ind.

### Advances in Mathematics 数学进展 (美国)

#### 内容范围

侧重发表纯数学研究论述,反映该学科各个方面的重要进展。

#### 投稿须知

Manuscripts for publication should, preferably, be in English.

**Form of Manuscripts.** Submit manuscripts in duplicate—including the original typewritten copy (preferably triple-spaced but at least double-spaced)—on one side of  $8.5 \times 11$  inch white paper. Number each page. Page 1 should contain the article title, author and coauthor names, and complete affiliation(s) (name of institution, city, state, and zip code). At the bottom of page 1 place any footnotes to the title (indicated by superscript (\*, †, ‡). Page 2 should contain a proposed running head (abbreviated form of the title) of less than 35 characters. It should also contain the name and mailing address of the author to whom proofs should be sent.

**Abstract.** The inclusion of an abstract is optional. If the author submits an abstract, it should be typed on page 3 and should be 50-150 words.



**List of Symbols.** Attach to the manuscript a complete typewritten list of symbols, identified typographically, not mathematically. Distinguish between "oh." "zero"; "el." "one"; "kappa." "kay"; upper- and lowercase "kay"; etc. Indicate also when special type is required (German, Greek, vector, scalar, script, etc.); all other letters will be set in italic.

**Tables.** Number tables consecutively with Roman numerals. Extensive tables will be reproduced photographically and so should be typed carefully and in the exact format desired. Use superscript lowercase italic letters (*a, b, c*) for table footnotes, which should be typed immediately below the table. Type tables at least double-spaced, including titles and footnotes. Do not underline table titles; reserve underlining for text that is to be italicized.

**Equations.** Equations should be typewritten and with the number placed in parentheses at the right margin. Reference to equations should use the form "Eq. (3)" or simply (3). Superscripts and subscripts should be typed or handwritten clearly above and below the line, respectively. Use the exponent  $1/2$  wherever possible.

**References.** References should be styled and punctuated according to the following examples:

1. R. A. ZALIK, Integral representation of Markov systems and the existence of adjointed functions for Haar spaces, *J. Approx. Theory* **65** (1991), 22-31.
2. Y. YOU, Polynomial solutions of BKP hierarchy and projective representation of symmetric groups, in "Advanced Series in Mathematical Physics," Vol. 17, World Science, Singapore, 1989.

For unpublished lectures or symposia, include title of the paper, name of the sponsoring society in full, and date. For journal names, follow "Abbreviations of Names of Serials" reviewed in Mathematical Reviews (Mathematical Reviews Annual Index, American Mathematical Society, 1990). Cite references in the text by an Arabic number between square brackets.

**Footnotes.** Footnotes in text should be avoided if at all possible. If they must be used, identify by superscript numbers and type together on a separate page.

**Figures.** All illustrations are to be considered as figures. Number each graph or drawing in sequence with Arabic numerals. Supply a descriptive legend for each figure. Type legends double- or triple-spaced consecutively on a separate sheet. Figures must be submitted in a form suitable for reproduction. Plan figures to fit the proportion of the printed page. Use a professional lettering set on the original so that the letters and numbers are large enough and "open" enough to take a reduction of 50%-60% without filling in with ink. Do not include background grids; however, on paper with blue lines the grid can be eliminated in the process of photoreproduction. Identify each figure in a margin with the name of the journal, author's name, and figure number; avoid marking the backs of figures.

**投稿地址**

Dr. Gian-Carlo Rota  
Massachusetts Institute of Technology  
Department of Mathematics, Cambridge  
Massachusetts 02139, USA

**Indexed in**

Math. R.  
Sci. Cit. Ind.

## American Journal of Mathematics 美国数学杂志

**内容范围**

发表理论和应用数学的研究论文。

**投稿须知**

Authors should include letters of submittal with their manuscripts.

Manuscripts should be submitted in duplicate in English, French or German, and authors should retain a complete copy. Manuscripts must be printed or typewritten on only one side of the paper with generous margins all around. Pages must be numbered consecutively and not by section or paragraph.

Manuscripts may be prepared using word processors or a typewriter. Manuscripts prepared in this manner should be double-spaced and accompanied by a separate sheet with complete instructions for the printer. Authors should be aware that the typesetter will not attempt to interpret special symbols and alphabets generated by non-TEX word processors or written in by hand. Gothic and script letters should be typed and then underlined or otherwise marked in accordance with the accompanying instruction sheet; Greek letters should also be marked. Manuscripts should begin with an introduction giving a concise statement of the purpose of the article and summarizing the principal results. Note that abstracts do not appear in *American Journal* articles and should not be included with manuscripts. Bibliographic references should be listed alphabetically at the end of the article. The format for references can be found in current issues of *The American Journal*. Authors should consult *Mathematical Reviews* for the standard abbreviations of journal names.

**投稿地址**

Professor Bernard Shiffman  
Department of Mathematics  
The Johns Hopkins University  
Baltimore, Maryland 21218, USA

**Indexed in**

Math. R.  
Sci. Cit. Ind.

## Annals of Mathematics 数学纪事 (美国)

**内容范围**

刊载理论数学研究论文。

### 投稿须知

Papers submitted to the Annals of Mathematics can be either compuscripts (done on a computer) or manuscripts (done on a typewriter). A macro package is available for authors who wish to prepare their papers in the Annals of Mathematics style. It includes format macros for each of the three flavor of TEX as well as a booklet on how to use the macros.

Compuscripts or manuscripts prepared by other means will still be considered. Authors should send two copies of their paper to the Editor, printed or typed on one side of the page, with double-spaced lines, long formulas displayed and any Greek, German and script letters clearly differentiated from the text, either by the type style or by the underlining of Greek letters in red, German letters in green and script letters in blue.

### 投稿地址

Katharine S. Carter, Editor Annals of Mathematics, Fine Hall Princeton University  
Princeton, New Jersey, 08544-1000, USA

Indexed in Math. R.

## Annals of Pure and Applied Logic 理论与应用逻辑纪事 (荷兰)

### 内容范围

刊载理论与应用逻辑和基础数学, 以及与数理逻辑有关的理论计算机科学等方面的研究论文。

### 投稿须知

Contributions, which should be in English, may be submitted in triplicate. The Manuscript must be typed on one side of the paper in double spacing with wide margins. A duplicate copy should be retained by the author. Preference will be given to manuscripts which, when printed, are between 25 and 100 printed pages. Shorter papers will be considered as well, and longer papers may be considered if split into shorter papers. Each paper should be introduced by a (short) self-contained abstract without long formulas.

Footnotes should be kept to a minimum and should be brief, must be numbered consecutively and typed on a separate sheet in the same format as the main text.

All mathematical and logical symbols which are not typewritten should be listed on a separate sheet. A clear distinction should be made between 0 (zero), O (capital), o (lower case), 1 (one), l (lower case), etc.

References should be listed alphabetically, typed in the same format as the main text, preferably in the same way as the following examples;

*For a book:* A. Heyting, Intuitionism, 2nd ed. (North-Holland, Amsterdam, 1966).

*For a paper in a journal:* A. Mostowski, On computable sequences, Fund. Math. 44 (1957) 37-51.

*For a contribution to a contributed volume:* G. Kreisel, Mathematical logic, in: T. L. Saaty, ed., Lectures on Modern Mathematics, vol. III (Wiley, New York, 1968).

*For an unpublished paper:* G. E. Reyes, Typical and generic relations in a Baire space

of models, Ph. D. Thesis, Univ. of California, Berkeley, CA (1967).

投稿地址

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3584 CS Utrecht, Netherlands

Indexed in

Math. R.

Sci. Abstr.

## The Annals of Statistics 统计学纪事 (美国)

### 内容范围

刊载统计理论与应用领域研究论文和技术报告。

### 投稿须知

Four copies should be submitted on paper that will take ink corrections. All manuscripts should be accompanied by a cover letter.

**Preparation of Manuscripts.** Manuscripts should be typewritten, entirely double-spaced, including references, with wide margins at sides, top and bottom. All copies must be completely legible. When technical reports are submitted, all extraneous sheets and covers must be removed. Typists should check an issue of the Annals for style.

**Submission of Reference Papers.** Four copies of unpublished or not easily available papers cited in the manuscript should be submitted with the manuscript.

**Abbreviated Title.** An abbreviated title to be used as a running head is also required. This should normally not exceed 35 characters.

**Affiliation.** Indicate your present institutional affiliation as you would like it to appear.

**Summary.** Each manuscript is required to contain a summary, clearly separated from the rest of the paper, which will be printed immediately after the title.

**Footnotes.** Footnotes should not be used, except as described under Title Page Footnotes below. Such information should be included within the text.

**Title Page Footnotes.** Included as a footnote on page 1 should be the headings;

AMS 1980 subject classifications. Primary —; secondary—.

Key words and phrases.

The classification numbers representing the primary and secondary subjects of the article may be found with instructions for its use in the Mathematical Reviews Annual Subject Index-1980.

Acknowledgment of Support, Grants and contracts should also be included in this footnote.

**Identification of Symbols.** Manuscripts for publication should be clearly prepared to insure that all symbols are properly identified. Distinguish between “oh” and “zero,” “el” and “one,” “epsilon” and “element of,” “summation” and “capital sigma,” ect. Indicate also when special type is required (Greek, German, Script, boldface, etc.); unless indicated otherwise, formula letters will be set in italics. Acronyms should be introduced sparingly. Any handwritten symbols should be clearly identified.

**Figures and Tables.** Figures, charts, and diagrams should be prepared in a form suitable for

photographic reproduction and should be professionally drawn twice the size they are to be printed. (These need not be submitted until the paper has been accepted for publication.) Tables should be typed on separated pages with accompanying footnotes immediately below the table.

**Formulas.** Fractions in the text are preferably written with the solidus or negative exponent. Complicated exponentials should be represented with the symbol  $\exp$ . A fractional exponent is preferable to a radical sign.

**References.** References should be typed double-spaced and should follow the style:

Kiefer, J. C. (1976). Admissibility of conditional confidence procedures. *Ann. Statist.* 4 836-865.

In textual material, the format "... Kiefer (1976)..." should be used. Multiple references can be distinguished as "... Kiefer (1976a)..." Abbreviations for journals should be taken from a current index issue of Mathematical Reviews.

**Addresses.** The permanent address of each author should be typed following the references.

#### 投稿地址

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Ann Arbor, Michigan 48109-1027, USA

#### Indexed in

Math. R.  
Sci. Cit. Ind.

## Applied Mathematics & Optimization 应用数学与优化 (德国)

### 内容范围

刊载数学优化理论与应用的研究论文、评论和札记, 包括数学在物理系统、化学与生化系统、环境系统、优化设计、生物医学系统、航空与航天系统、公共服务系统、社会经济系统方面的应用研究。

### 投稿须知

Papers for publication should be submitted in duplicate. They should be typed on only one side of the sheet of paper, double spaced, with two-inch margins all around.

The title page of the article should include an abstract of the paper, the primary and secondary classification numbers according to the 1991 Mathematical Subject Classification, and a short list of key words describing the subject of the paper. Also provide an abbreviated version of the article title (80 characters or less) for use as a running head.

Footnotes other than those referring to the title should be avoided. If they are essential, they should be numbered consecutively and placed at the foot of the page to which they refer.

Each figure (line drawings and graphs) should be submitted on a separate sheet of paper; each diagram should be drawn precisely in India ink, using lines of uniform width. The figures should be drawn at twice the size desired; the maximum area for the reduced figures is 122 by 194 mm. All diagrams should be numbered consecutively, and their first mention in the the text should be noted in the left-hand margin. Legends should be listed consecutively

on a single sheet of paper.

The references to the literature should be listed alphabetically at the end of the manuscript.

1. Bombieri E, Gordon J (1972) The search for a new formula. Amer J Phys 15:23-28
2. Halmos PR (1951) Introduction to Hilbert Space, 2nd edn. Chelsea, New York

All letters in formulae, as well as single letters in the text, are automatically printed italic and therefore require no underlining. Please use the following color code for marking:

Greek letters; red; Gothic letters; blue; Script letters; green; Regular (Roman) letters; yellow; Special Roman letters; wavy blue; Boldface; brown; Italics; underline in pencil.

Only the end of a proof should be indicated by  $\square$ .

Please use pencil for all editorial marks. If its appearance is ambiguous, underline a capital letter three times. In complicated sections of the text, mark superscripts and subscripts with a caret;  $\wedge$ ,  $\vee$ . Ordinarily subscripts appear below superscripts; they should be typed this way, and marked if variation is desired. The letter O and the number 0, and the letter I and the number 1 occur frequently. Each appearance of one or zero should be identified.

#### 投稿地址

G. Kallianpur, Department of Statistics  
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#### Indexed in

Eng. Ind., Math. R.  
Sci. Abstr.  
Sci. Cit. Ind.

## Applied Numerical Mathematics 应用数值数学(荷兰)

### 内容范围

刊载计算数学和数值分析及其在物理学、流体动力学、工程学及其它应用科学中应用方面的研究论文、评论及札记。

### 投稿须知和投稿地址

See Mathematics and Computers in Simulation

Indexed in Appl. Mech. Rev.

## Asymptotic Analysis 渐近分析(荷兰)

### 内容范围

刊载受大、小参数影响问题的渐近理论方面数学研究成果及渐近理论在自然科学领域应用问题的研究论文。

### 投稿须知

Contributions, which should be written in English or, occasionally, in French, have to be submitted in duplicate to the Editor-in-Chief.

(1) The manuscript (including footnotes, captions, references and abstract) must be typed on one side of the paper in double line spacing with wide margins (3 cm at least).

(2) All mathematical symbols which are not typewritten should be specified and listed sepa-

rately; unusual symbols or notations as well as the use of special alphabets should be identified in this special list, too (not in the manuscript). Numbers identifying displayed mathematical expressions should be placed in parentheses at the right-hand margin.

(3) If figures or diagrams are to be included in the articles, authors are to provide, together with the manuscript, the original drawings (no photocopies). Special care should be given to the preparation of the drawings. Except for a reduction in size, they will appear in final printing in exactly the same form as submitted by the author; they will not be redrawn by the printer. In order to make a photographic reproduction possible, all drawings should be on separate sheets with wide margins, drawn large size in India ink, and carefully lettered with, e. g., strip letters (handwritten lettering is unacceptable). Figures are numbered consecutively and should be provided with a caption; these captions should be collected on separate sheet.

(4) Footnotes should be kept to a minimum and as brief as possible, they must be numbered consecutively and typed on a separate sheet in the same format as the main text.

(5) References should be listed alphabetically, in the same way as the following examples:

[1] L. S. Frank, *Singular Perturbations* I (North-Holland, Amsterdam, 1990).

[2] J. Sjöstrand, Semi-excited states in nondegenerate potential wells, *Asymptotic Anal.* 6 (1992) 29-43.

[3] J. L. Lions, Asymptotic Problems in distributed systems, in: S. Antman, J. Ericksen, D. Kinderlehrer and I. Muller, eds., *Metastability and Incompletely Posed Problems*, IMA Volumes in Mathematics and its Applications, Vol. 3 (Springer, New York, 1987) 241-258.

(6) All manuscripts should include the author's exact mailing address, an abstract of about 10 to 20 typed lines without formulas in a language of the author's choice, and an abbreviated title of at most 50 characters.

#### 投稿地址

Professor L. S. Frank UFR Sciences, Université de Reims  
B. P. 347, 51062 Reims Cedex, France

### Bulletin (New Series) of the American Mathematical Society 美国数学会通报 (新辑)

#### 内容范围

刊载数学领域阐述性研究论文以及书评和研究报告。

#### 投稿须知

For Research-Expository Paper and Research Announcements, the first page must consist of a descriptive title, followed by an abstract that summarizes the article in language suitable for workers in the general fields (algebra, analysis, etc.). Then, for Research Announcements, there should be an introductory section addressed to nonexperts describing the motivation, background, and significance of the results announced. Following the statement of

results, there should follow a sketch of proofs which may be addressed to experts. An announcement should not exceed 7 published pages, and preferably not exceed 5 pages. For Research-Expository Papers and Research Announcements, included with the footnotes to the paper, there should be the 1991 Mathematics Subject Classification representing the primary and secondary subjects of the article. This may be followed by a list of key words and phrases describing the subject matter of the article and taken from it. A list of the numbers may be found in the annual index of Mathematical Reviews, published with the December issue starting in 1990. For journal abbreviations used in bibliographies, see the list of serials in the latest Mathematical Reviews annual index.

#### 投稿地址

For Research-Expository papers, two copies of the manuscript should be submitted to

Professor Richard S. Palais  
Department of Mathematics  
Brandeis University, Waltham  
MA 02154-9110, USA

For Research Announcements, four copies of the manuscript should be submitted to

Professor Frank Quinn  
Department of Mathematics  
Virginia Tech, Blacksburg  
VA 24061-0123, USA

Indexed in Math. R.

### Communications in Numerical Methods in Engineering 工程数值方法快报 (英国)

#### 内容范围

发表简讯, 通报应用数值方法的重要进展以及数值技术在解决工程技术问题方面的应用。

#### 投稿须知

See International Journal for Numerical Methods in Engineering

#### 投稿地址

Editors, Professor Roland W. Lewis  
Department of Civil Engineering  
University College of Swansea  
University of Wales, Swansea SA2 8PP, UK

#### Indexed in

Appl. Mech. Rev.  
Eng. Ind.  
Math. R.

### Discrete & Computational Geometry 离散与计算几何学 (美国)

#### 内容范围

刊载数学和计算机科学领域有关计算几何、几何代数的分析与设计方面的文章。

#### 投稿须知

Authors should submit manuscripts in triplicate. Manuscripts for this journal should be



typed on only one side of the sheet of paper, double spaced, with  $1\frac{1}{2}$  inch margins all around. All elements of formulae, also, should be typewritten whenever possible.

Each figure (line drawings and graphs) should be submitted on a separate sheet of paper; each diagram should be drawn precisely in India ink, using lines of uniform width. The figures should be drawn at twice the size desired; the maximum area for the reduced figures is  $122 \times 194$  mm. All diagrams should be numbered consecutively, and their first mention in the text should be noted in the left-hand margin. Legends should be listed consecutively on a single sheet of paper.

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2. M. I. Shamos, Computational Geometry, Ph. D. thesis, Yale University, New Haven, CT, 1978.

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Eng. Ind.  
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## Duke Mathematical Journal 杜克数学杂志(美国)

#### 内容范围

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