

## FOREWORD

This edition of the London Mathematical Society's Publications Catalogue lists:

- journals published by the Society itself;
- journals published by the Society in partnership with other bodies;
- books published on behalf of the Society that are still in print.

The Publications Catalogue is distributed mainly to members of the Society. The Society membership includes a substantial number of research mathematicians, and we encourage members to publish in the Society's periodicals and book series. To that end, we provide some information of interest to potential authors of papers and book proposals.

The most up-to-date information about all our periodicals and book series, including links to the electronic versions of the journals, is given on our web pages at

<http://www.lms.ac.uk/publications>

For further information and advice on the Society's publications, please contact the Publisher, Dr Susan Hezlet ([hezlet@lms.ac.uk](mailto:hezlet@lms.ac.uk)).

## PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY

ISSN 0024-6115

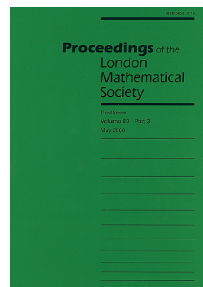
Editors: C Teleman and B J Totaro,  
University of Cambridge

The *Proceedings* was founded in 1865. Now in its Third Series, the *Proceedings* publishes longer research papers in mathematics. It is published 6 times per year in two volumes of three issues each: in January, March and May; July, September and November. There are 272 pages per issue.

**Library price** (print plus electronic) for Volumes 92 & 93 (2006):  
Europe and Rest of the World £570; North America US\$980.

Correspondence concerning library subscriptions and inspection copies should be sent to: Journals Subscription Manager, Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK. Correspondence from USA and Canada should be sent to: Journals Fulfillment Department, 100 Brook Hill Drive, West Nyack, NY 10994-2133, USA.

**Individual LMS Members' price** for Volumes 92 & 93 (2006): Europe and Rest of the World £72; North America US\$144. This price does not include on-line access to the journals, and members should subscribe via the annual membership renewal form, sent directly to the London Mathematical Society.



## JOURNAL OF THE LONDON MATHEMATICAL SOCIETY

ISSN 0024-6107

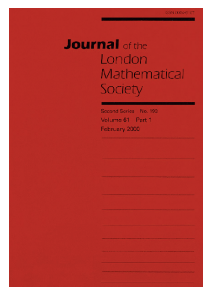
Editors: F E Burstall and J F Toland,  
University of Bath

The *Journal* was founded in 1926. It publishes research papers of medium length from a broad spectrum within mathematics. It is published 6 times per year in two volumes of three issues each: in February, April and June; August, October and December. There are 272 pages per issue.

**Library price** (print plus electronic) for Volumes 73 & 74 (2006):  
Europe and Rest of the World £524; North America US\$900.

Correspondence concerning library subscriptions and inspection copies should be sent to: Journals Subscription Manager, Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK. Correspondence from USA and Canada should be sent to: Journals Fulfillment Department, 100 Brook Hill Drive, West Nyack, NY 10994-2133, USA.

**Individual LMS Members' price** for Volumes 73 & 74 (2006): Europe and Rest of the World £72; North America US\$144. This price does not include on-line access to the journals, and members should subscribe via the annual membership renewal form, sent directly to the London Mathematical Society.



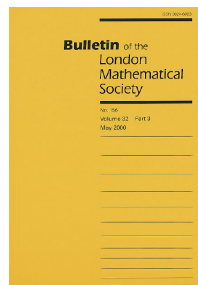
## BULLETIN OF THE LONDON MATHEMATICAL SOCIETY

ISSN 0024-6093

Editors: J W Anderson and J Brodzki, University of Southampton

The *Bulletin* was founded in 1969. It contains survey articles and short research papers of special interest in mathematics (mostly in pure mathematics), obituaries of mathematicians, occasional historical articles, book reviews and prize citations. It is published 6 times per year in one volume: in February, April, June, August, October and December. There are 176 pages per issue.

**Library price** (print plus electronic) for Volume 38 (2006):  
Europe and Rest of the World £266; North America US\$423.



Correspondence concerning library subscriptions and inspection copies should be sent to: Journals Subscription Manager, Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK. Correspondence from USA and Canada should be sent to: Journals Fulfillment Department, 100 Brook Hill Drive, West Nyack, NY 10994-2133, USA.

**Individual LMS Members' price** for Volume 38 (2006): Europe and Rest of the World £36; North America US\$72. This price does not include on-line access to the journals, and members should subscribe via the annual membership renewal form, sent directly to the London Mathematical Society.



ISSN 1461-1570

[www.lms.ac.uk/jcm](http://www.lms.ac.uk/jcm)

Editors: J H Davenport (Editor-in-Chief), University of Bath; D Duval, University of Grenoble;  
A Iserles and L C Paulson, University of Cambridge

The **LMS JCM** was first published in 1998. It is an all-electronic journal of record, refereed to the same high standard as the established LMS journals, and carrying a commitment from the LMS to keep it archived in the future. The electronic format provides a capability for adding material such as graphics, programs and databases as appendices to papers. Facilities are also available for adding later updates and discussions; the main text of each paper is, however, guaranteed to remain unaltered. Publication is rapid, typically within a few weeks of acceptance of the final version. The copyright to all material published in the JCM remains vested in the authors. Further details on the aims and scope of the journal and *how to submit a paper* to the journal can be found at the journal's website. Advice is also given on the preparation of manuscripts, and the journal's Executive Editor, Mrs Sue Rodd, will be happy to provide further advice via e-mail to [jcm@lms.ac.uk](mailto:jcm@lms.ac.uk).

The journal subscription is *free and readers no longer need to register to read the articles*. Readers have access to the full archive of the journal (Volumes 1–9 in 2006) for a period of one calendar year, from 1<sup>st</sup> January to 31<sup>st</sup> December 2006. Please visit the web site at <http://www.lms.ac.uk/jcm>.

## SUBMISSION of a PAPER to the *PROCEEDINGS*, *JOURNAL* and *BULLETIN* of the LONDON MATHEMATICAL SOCIETY

Papers may be sent electronically or by post and are submitted jointly to the three periodicals. Each paper is initially assigned to one of the three printed periodicals according to length, but the Editors make the final decision on which periodical may accept the paper. Papers may be submitted in English or French.

Electronic submission of papers, prepared as Postscript or PDF files, should be made via a web form that can be found at <http://www.lms.ac.uk/php/bjpsubmission.php>. You will need the following details for the web form:

- (a) the title and authors of the paper;
- (b) the full address details of the Corresponding Author, including e-mail address;
- (c) the name of the Editorial Adviser whose mathematical interests are judged to be closest to the subject of the paper;
- (d) an abstract of the paper (in TeX);
- (e) the name and type of the file (whether Postscript or PDF) that you are submitting via anonymous FTP.

An acknowledgement will be sent once we have confirmed that the file is printable. The author should receive an answer within 7 days. Authors wishing to submit a paper for publication by post should send *three* hard copies to the Publisher, London Mathematical Society, De Morgan House, 57–58 Russell Square, London WC1B 4HS, United Kingdom. The copies must be accompanied by a letter giving the same details (a), (b), (c) and (d) as are listed above for electronic submission.

### PAPER TRACKING via the WEB

On acknowledgement of receipt of the paper, we will send the Corresponding Author a username and a password for accessing information about the progress of the paper via the web. No sensitive information about the paper is displayed on the web page, but the author can read what stage the paper has reached in the review process. Most importantly, when a decision letter has been sent to the author, the date is noted on the web page. This will help ensure that authors wait no longer than necessary, should a letter be lost.

In all other respects, for advice on submitting a paper or preparing a manuscript, please follow the instructions on the web pages at <http://www.lms.ac.uk/publications/submission.html>. No paper that has been previously published, or which is being considered for publication elsewhere, should be submitted to the London Mathematical Society. Nor may a paper which is under consideration by the London Mathematical Society be submitted elsewhere. Authors of accepted papers will be asked to assign copyright to the Society prior to publication. Papers will no longer be returned to authors on request. Authors should take care to keep a copy of all paperwork sent to the Society. The Society cannot accept responsibility for loss of manuscripts.

### ADVISORY BOARD

The interests of the members of the Advisory Board reflect a balance between providing good coverage of areas where the Society receives a large number of papers and our desire to encourage good papers in all areas of mathematics. We place the highest importance on papers that exhibit good mathematical structure regardless of the specific topic. Such papers are welcome and, if we do not have an advisory-board member who covers the topic, our Editors will supervise the review of the paper directly. The current Board (as of August 2005) is listed on the next page. For an up-to-date list, please consult the web page <http://www.lms.ac.uk/php/advisers.php>.

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## JOINTLY PUBLISHED JOURNALS

### RUSSIAN MATHEMATICAL SURVEYS

ISSN 0036-0279 (Print), ISSN 1468-4829 (Online)

Editor-in-Chief: S P Novikov

Editor of the English Edition: H H McFaden

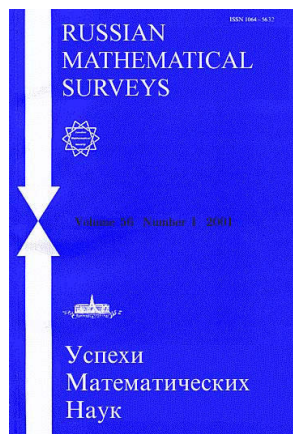
*Russian Mathematical Surveys* is the English cover-to-cover translation of the Russian bimonthly journal *Uspekhi Matematicheskikh Nauk* and the survey articles, biographical material and communications of the Moscow Mathematical Society. Since 1998 the London Mathematical Society has translated and published the English language version in collaboration with the Russian Academy of Sciences and Turpion. More details can be found at the journal's web site:

[http://www.turpion.org/main/pa\\_rms.html](http://www.turpion.org/main/pa_rms.html)

**Library price** for Volume 61 (2006):

Print+Online US\$1056; Print only US\$1003; Online only US\$950.

For 2006, subscribers to the 'Print+Online' option also have access to the full-text electronic archive going back to 1996. Members of the LMS receive a 33% discount on their subscriptions to the journal (see page 8). Correspondence concerning subscriptions and inspection copies should be sent to: Turpin, Pegasus Drive, Stratton Business Park, Biggleswade, Bedfordshire, SG18 8TQ, UK.



### IZVESTIYA: MATHEMATICS

ISSN 1064-5632 (Print), ISSN 1468-4810 (Online)

Editor-in-Chief: V V Kozlov

Editor of the English Edition: D L Johnson

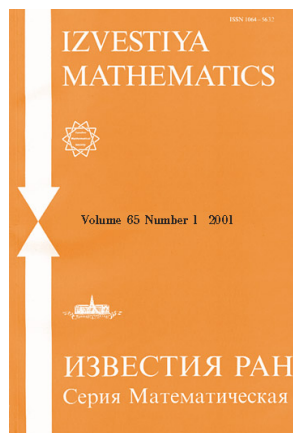
*Izvestiya: Mathematics* is the English cover-to-cover translation of the Russian bimonthly journal *Izvestiya Rossiiskoi Akademii Nauk, Seriya Matematicheskaya*: a journal of original research articles in current areas of pure mathematics research. Since 1995 the London Mathematical Society has translated and published the English language version in collaboration with the Russian Academy of Sciences and Turpion. More details can be found at the journal's web site:

[http://www.turpion.org/main/pa\\_im.html](http://www.turpion.org/main/pa_im.html)

**Library Price** for Volume 70 (2006):

Print+Online US\$1585; Print only US\$1506; Online only US\$1427.

For 2006, subscribers to the 'Print+Online' option also have access to the full-text electronic archive going back to 1996. Members of the AMS and the LMS receive a 20% discount on their subscriptions to the journal (see page 8). Correspondence concerning subscriptions and inspection copies should be sent to: Turpin, Pegasus Drive, Stratton Business Park, Biggleswade, Bedfordshire, SG18 8TQ, UK.



## SBORNIK: MATHEMATICS

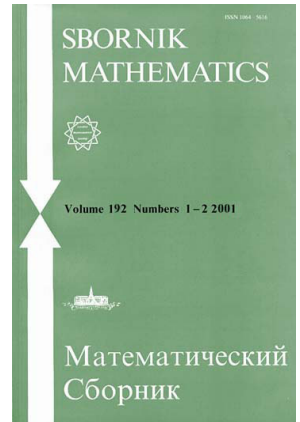
ISSN 1064-5616 (Print), ISSN 1468-4802 (Online)

Editor-in-Chief: A A Gonchar

Editor of the English Edition: G G Gould

*Sbornik: Mathematics* is the English cover-to-cover translation of the Russian monthly journal *Matematicheskii Sbornik*, containing research articles that keep pace with modern trends in contemporary mathematics. Each of the six issues of the English version is made up of two issues of the Russian version. Since 1995 the London Mathematical Society has translated and published the English language version in collaboration with the Russian Academy of Sciences and Turpion. More details can be found at the journal's web site:

[http://www.turpion.org/main/pa\\_sm.html](http://www.turpion.org/main/pa_sm.html)



**Library price** for Volume 197 (2006):

Print+Online US\$1997; Print only US\$1897; Online only US\$1797.

For 2006, subscribers to the 'Print+Online' option also have access to the full-text electronic archive going back to 1996. Members of the AMS and the LMS are allowed a 20% discount on their subscriptions to the journal (see page 8).

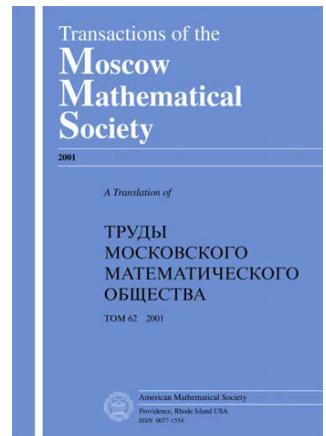
Correspondence concerning subscriptions and inspection copies should be sent to: Turpin, Pegasus Drive, Stratton Business Park, Biggleswade, Bedfordshire, SG18 8TQ, UK.

## TRANSACTIONS OF THE MOSCOW MATHEMATICAL SOCIETY

ISSN 0077-1554

LMS English Edition Editor: F W Goldman

The *Transactions of the Moscow Mathematical Society* was founded jointly, in 1963, by the London Mathematical Society and the American Mathematical Society. It is a cover-to-cover translation of the Russian mathematics journal *Trudy Moskovskogo Matematicheskogo Obshchestva*. It contains papers that give a clear and insightful account of significant research on a wide variety of aspects of contemporary mathematics, including aspects that arise in certain areas of applied mathematics and theoretical physics. The journal is published annually in one volume and from 2004 it is also available in electronic format.



**Library price** for Volume 67 (2006):

List price (print plus electronic) US\$448. Postage surcharge: US\$5 for non-US countries.

For orders with remittances: American Mathematical Society, PO Box 845904, Boston, MA 02284-5904, USA. Credit card (Visa, Mastercard, American Express and Discover) orders to: American Mathematical Society, PO Box 6248, Providence, RI 02940-6248, USA (e-mail: [cust-serv@ams.org](mailto:cust-serv@ams.org)); tel 001 401 455-4000; fax 001 401 331-3842.

## NONLINEARITY

ISSN 0951-7715

*Double the number of issues – now published monthly!*

Editors: J Keating, University of Bristol (IoP);

A I Neishtadt, Space Research Institute, Moscow (LMS).

*Nonlinearity* was founded jointly, in 1988, by the LMS and the Institute of Physics. It contains research papers on nonlinear systems, ranging from proofs of important theorems to papers presenting ideas, conjectures and numerical or physical experiments of significant physical and mathematical interest; the papers are in the interface between mathematics (pure and applied) and mathematical physics. From 2006, the frequency will double to 12 issues per year.



**Library price** (print plus electronic) for Volume 19 (2006): All countries except USA, Canada & Mexico £889; USA, Canada & Mexico US\$1745.

Correspondence concerning subscriptions and inspection copies should be sent to: Customer Service Department, IoP Publishing, Dirac House, Temple Back, Bristol BS1 6BE, UK; correspondence from USA, Canada and Mexico should be sent to: American Institute of Physics, PO Box 503284, St Louis, MO 63150-3284, USA.

**Individual LMS Members' price** for Volume 19 (2006): All countries except USA, Canada & Mexico £57; USA, Canada & Mexico US\$145. This price includes on-line access to the journal, and members should subscribe via the annual membership renewal form, sent directly to the London Mathematical Society.

## COMPOSITIO MATHEMATICA

ISSN 0010-437X

Editors: S J Edixhoven, B J J Moonen

Now in its third year of publication with the LMS, the journal *Compositio Mathematica* is published on behalf of its owners, the Foundation Compositio Mathematica. The Foundation is based in the Netherlands and its Board members are all mathematicians. The aim of the journal is to publish first-class mathematical research papers, and during the last 25 years it has earned an excellent name. By tradition the journal focuses on papers in the mainstream of pure mathematics and includes the fields of algebra, number theory, topology, algebraic and analytic geometry and geometric analysis.



The journal is published in one volume of six issues per year. There are 272 pages per issue.

**Library prices** (print plus electronic) for Volume 142 (2006): € 1200; £780; US\$1285.

Correspondence concerning library subscriptions and inspection copies should be sent to: Journals Subscription Manager, Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK. Correspondence from the USA and Canada should be sent to: Journals Fulfillment Department, 100 Brook Hill Drive, West Nyack, NY 10994-2133, USA.



## LMS INSTITUTIONAL MEMBERSHIP

The 2006 institutional members' subscription fee is £842. Institutional members receive all the 2006 volumes of the *Proceedings*, *Journal*, *Bulletin* and *LMS JCM* as well as the Society's monthly Newsletter. Institutional members are also entitled to order *Nonlinearity* via the LMS office, and *Sbornik*, *Izvestiya* and *Russian Mathematical Surveys* from Turpin, at special 2006 rates:

	<i>Print plus Online</i>	<i>Print only</i>	<i>Online Only</i>
<i>Nonlinearity</i> , Volume 19		£788	
<i>Russian Mathematical Surveys</i> , Volume 61	\$708/£416	\$672/£395	\$637/£375
<i>Izvestiya: Mathematics</i> , Volume 70	\$1268	\$1205	\$1142
<i>Sbornik: Mathematics</i> , Volume 197	\$1598	\$1518	\$1438

Institutional members should order *RMS*, *Sbornik* and *Izvestiya* directly from Turpin, Pegasus Drive, Stratton Business Park, Biggleswade, Bedfordshire, SG18 8TQ, UK.

## LMS INDIVIDUAL MEMBERS' PRICES

Subscriptions to the *Proceedings*, *Journal*, *Bulletin* and *Nonlinearity* are available to LMS individual members for their personal use at discount prices, if ordered through the LMS Office. The 2006 prices of these are:

<i>Proceedings</i> , Volumes 92 & 93	£ 72	US\$ 144
<i>Journal</i> , Volumes 73 & 74	£ 72	US\$ 144
<i>Bulletin</i> , Volume 38	£ 36	US\$ 72
LMS Journal of Computation and Mathematics	<i>free</i>	<i>free</i>
<i>Nonlinearity</i> , Volume 19:		
Europe & Rest of World	£ 57	
North America		US\$ 145

Subscriptions to a number of other journals are also available to LMS individual members for their personal use at discount prices, if ordered through the LMS Office.

### *Conditions for the supply of periodicals at individual members' prices:*

In common with other national mathematical societies, the London Mathematical Society regards a subscription as for personal use only if:

(a) issues are either destroyed or held on a continuing basis among the subscriber's personal belongings, and are not deposited even temporarily in a library, common room or other public room

*and*

(b) issues are accessible to other mathematicians (or to students) only with the subscriber's permission, given individually in each case

*and*

(c) issues are the personal property of subscribers and may not be sold without the approval of the Society. Subscribers would be able, without negotiation with authorities, to take the issues with them if they left their present institution or to give them to another individual who is willing to abide by these terms.

## LMS BOOK SERIES

If you are planning to write a book, then you may wish to consider the advantages of publishing with the London Mathematical Society. The Society aims to disseminate mathematical knowledge as widely as possible in the interests of its members and the international mathematical community. To this end, it sponsors four book series: the *LMS Monographs*, the *LMS Lecture Notes*, the *LMS Student Texts* and the *History of Mathematics Series* (jointly with the AMS). The Society appoints Academic Editors and Advisers for each series to take responsibility for ensuring high academic quality. It uses the expertise of a number of professional publishing houses (Cambridge University Press, Princeton University Press and the American Mathematical Society) to produce, advertise and distribute its books. In addition to competitive royalty rates, the Series Publishers and Editors offer advice to authors throughout the process from writing to publication and distribution. The books are marketed and sold by the publishing houses, and they are also advertised through the Society's annual Publications Catalogue and the monthly Newsletter of the LMS. Members can purchase volumes at substantial discounts.

The Society aims to ensure that speedy decisions are made on all manuscripts and proposals. In general, a proposal should consist of an explanation of why the book is being written and for whom, some sample material – preferably a chapter or more and a table of contents – and a brief description of the background and expertise that you can bring. An estimate of the length of the book and a practical time schedule for completion of the manuscript may also be requested by the Editors. Initial enquiries, proposals or manuscripts should be sent to the most appropriate series Editor. Each series also has an Advisory Board, and you may wish to recommend a member of the board as an expert in your field. The Advisory Boards are small, but this does not reflect the breadth of a series. The Editor and the publishing house will find a suitable reviewer for well-prepared proposals.

The Editor of each series will be delighted to give you further information and advice about that series; alternatively you may contact the Publisher, Dr Susan Hezlet ([hezlet@lms.ac.uk](mailto:hezlet@lms.ac.uk)), for general guidance on which series may be the most suitable home for your book:

LMS Lecture Note Series: Nigel Hitchin, Oxford

LMS Student Texts series: Bill Bruce, Hull

LMS Monographs: Brian Davies (Editor-in-Chief), Kings College, London; Martin Bridson, Imperial College, London; Peter Sarnak, Courant Institute, New York,

LMS/AMS History of Mathematics: Robin Wilson, Open.

All orders for books from these series should be made directly to the relevant publisher, using the order forms at the back of this catalogue.

### LONDON MATHEMATICAL SOCIETY LECTURE NOTE SERIES

Published by Cambridge University Press

The Series was founded in 1968 by the Society and Cambridge University Press. Most volumes are short monographs giving authoritative accounts of the present state of knowledge on a topic of general interest. Records of lectures and seminars held internationally on advanced topics in mathematics are also published. The Series accepts some conference proceedings, especially those of an instructional nature and other collective works with similar aims. In general, the series is relaxed and informal but places importance on the quality of exposition. To date, more than 300 volumes have appeared.

The Editor is Nigel Hitchin (Mathematical Institute, 24–29 St Giles', Oxford OX1 3LB, UK; [hitchin@maths.ox.ac.uk](mailto:hitchin@maths.ox.ac.uk)), and the Advisory Board consists of S Donkin, I B Fesenko, J Roe and E Süli. Intending authors may also contact Roger Astley, Cambridge University Press ([rastley@cambridge.org](mailto:rastley@cambridge.org)).

LONDON MATHEMATICAL SOCIETY LECTURE NOTE SERIES

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