Notices from the ISMS

(Novae Scientiae Mathematicae)

July 2010

CONTENTS

For the Welfare of the Humankind
Promoting Mathematical Sciences

INTERNATIONAL SOCIETY FOR MATHEMATICAL SCIENCES
Scientiae Mathematicae Japonicae, Notices from the ISMS

The International Society for Mathematical Sciences (ISMS) is an international society consisting of mathematical scientists throughout the world.

The main activities of the ISMS are to publish (1) the (**print and online**) journal **Scientiae Mathematicae Japonicae (SCMJ)** and (2) Notices from the ISMS and to hold **assembly meeetings** in Japan and **international internet meetings** (distance symposium) of mathematical sciences (IVMS) accessible from all over the world.

SCMJ is the 21^{st} Century New Unified Series of **Mathematica Japonica (MJ)** and **Scientiae Mathematicae (SCM). MJ** was first published in 1948 and was one of the oldest mathematical journals in Japan. **SCM** was an online and print journal started in 1998 in celebration of the semi-centurial anniversary and received 26000 visits per month from 50 countries in the world. **SCMJ** contains original papers in mathematical sciences submitted from all over the world and receives **38000** visits per month now. Not only papers in pure and applied mathematics but those devoted to mathematical statistics, operations research, informatics, computer science, biomathematics, mathematical economics and other mathematical sciences are also welcome. The journal is published in January, March, May, July, September, and November in each calendar year.

The ISMS has enhanced the journal, begining from July 1995, by including excellent Research-Expository papers in the section "**International Plaza** for Mathematical Sciences " as well as original research papers. The section provides papers dealing with broad overviews of contemporary mathmatical sciences, written by experts mainly at our invitation. Papers shedding lights on open problems or new directions or new breakthroughs for future research are especially welcome.

As is shown in the **Editorial Board of SCMJ**, we have invited **many distinguished professors** of 20 countries as editors, who will receive and referee the papers of their special fields with their **high standard**.

Beginning from 2007, we make the online version of SCMJ more readable and convenient to the readers by adding the specialized contents. By this, the readers can access to the online version, in which the papers appear in the order of acceptance, from (i) the contents of the printed version, and (ii) the specialized contents of a volume. From 2007, the subscription fee of the printed version plus the online version of SCMJ becomes lower and the same of the printed version only. Therefore, the subscribers of the printed version can read the online version without no additional cost.

For benefit of the ISMS members, we publish "Notices from the ISMS" 6 times a year. We are enhancing it by adding interesting articles, including book reviewing, written by eminent professors.

The ISMS has set up a **videoconferencing system** (**IVMS**) which can connect up to twenty sites of a reserch group in the same or **different countries in the world**. Using this system, speakers of the session can write on a white board or an OHP sheet or use PowerPoint. On the other hand participants can ask questions or make comments from any connected site in the world. All these are performed similarly to the traditional meetings.

To connect with our system, you can use your own videoconferencing system only if it satisfies the International Telecommunication Union-Technical Committee Standards (ITU-T Standard).

Copyright Transfer Agreement

A copyright transfer agreement is required before a paper is published in this journal. By submitting a paper to this journal, authors are regarded to certify that the manuscript has not been submitted to nor is it under consideration for publication by another journal, conference proceedings or similar publication.

For more information, please visit http://www.jams.or.jp.

Communications：

(I) Call for Proposals and Organizers for Special Sessions in IVMS 2010 and 2011

The International Video Conferences of Mathematical Sciences (IVMS) can be held upon request of the ISMS members. The ISMS members can organize sessions in the IVMS. These sessions will be devoted to special fields of study, for example Fixed point theory and its applications. The organizers of each session will decide the type of the videoconference: presentation of original papers (contributed and/or invited papers) and/or expository articles, or tutorials.

The IVMS will be held using TANDBERG 6000 or TANDBERG 550 at Nakanoshima Center of Osaka University. Your institutions can be connected with the system as far as your system satisfies the ITU-T standards.

Organizers should appoint invited speakers and call for papers for their sessions. The selection of the papers is left to the organizer's own choice. They should inform the ISMS of their programs with the titles and author's names of the papers. They should send us the following data from the following URL.

http://www.jams.or.jp/hp/ivms_organizers.html

(1) Name of the organizer
(2) E-mail address
(3) Title of the planned special session
(4) Names and affiliations of the co-organizers of the joint universities/societies , if any
(5) Name(s) of the invited speakers, if any.

The ISMS:

(I) ISMS Annual Meeting (2010)

The ISMS annual meeting will be held as follows.
Date: **August 23, 2010**
Place: **Convention Center, Osaka University**

(II) Contributions (Gift to the ISMS)

We deeply appreciate your generous contributions to support the activities of our society. The donation are used (1) to make medals for the new prizes (Kitagawa Prize, Kunugi Prize, and ISMS Prize), (2) to support the IVMS at Osaka University Nakanoshima Center, and (3) for a special fund designated by the contributors.

Your remittance to the following accounts of ours will be very much appreciated.

(1) Through a post office, remit to our giro account (in Yen only):
No. 00930-1-11872, Japanese Association of Mathematical Sciences (JAMS)
or send International Postal Money Order (in US Dollar or in Yen) to our address:
International Society for Mathematical Sciences
2-1-18 Minami Hanadaguchi, Sakai-ku, Sakai, Osaka 590-0075, Japan

(2) A/C 94103518, ISMS
CITIBANK, Japan Ltd., Shinsaibashi Branch
Midosuji Diamond Building
2-1-2 Nishi Shinsaibashi, Chuo-ku, Osaka 542-0086, Japan

Call for Papers for SCMJ：

（Ⅰ）Call for Papers for SCMJ

Scientiae Mathematicae Japonicae(SCMJ) calls for excellent papers.
(1) Authors can choose one of the editors in the Editors List and send their papers directly to him/her for refereeing which promises **quick refereeing and publication.**
(2) If the SCMJ authors prepare their files in ISMS standard format (Js.), the lead time from acceptance to the online publication **will be extremely short or nil.**
(3) In the proofreading is made by the SCMJ (Paper or TeX) author, we will publish the paper on the Web as soon as we receive the corrected galley proof.
(4) The Journal is reviewed by **Mathematical Review** and **Zentralblatt from cover to cover.**

(A) Submission

Authors are requested to choose one of the editors in the SCMJ editors list and send their papers, satisfying all of the following conditions, **directly to the editor.** The editors list can be obtained from (i) URL:http://www.jams.or.jp/ (ii) " Editorial Board" of SCMJ(Vol.68, No. 3, November 2008).

Prepare **e-mail Form for Submission and three** hard copies of your paper, **three** hard copies of Form for Submission, and send them as follows.

- **To the editor's e-mail address**; Form for Submission (with the abstract)
- **To the editor's postal address; Two** hard copies of your paper, **two** hard copies of the Form for Submission (with the abstract)
- **To the e-mail address of ISMS** (http://www.jams.or.jp/hp/submission f.html); Form for Submission (with the abstract)
- **To the postal address of ISMS; One** hard copy and **one** Form for Submission

The received date of the paper is the date when the editorial office receives the paper together with the Form for Submission, and not necessarily the date when the editors receive them.

To e-mail Form for Submission is mandatory to support the editor-receive-system, not to waste the precious reseach time of the editors and promote efficiency in the editorial procedure.

(B) Abstract

Every paper should contain an abstract. Try to limit your abstract to 20 lines when typed in TeX. The abstract should be a kind of mini research announcement which is **self-contained** and gives **the overview** of your paper. Abstracts of accepted papers are **very rapidly displayed** on ISMS home page and are announced **all over the world via Internet.** Abstracts in Paper Form and E-mail Form should be typed **in Text file.** If it is inevitable for you to use symbols in the abstract, you may make it in a TeX source file indicating **the kind of TeX** as notes, for example, (via LaTeX2e).

(C) Data

The full postal address, telephone and facsimile numbers, e-mail address of the author should be specified at the bottom of the last page of the manuscript. 2000 AMS Subject Classification and Keywords should be written both in Paper, E-mail Form and at the **footnote** on the first page of the manuscript.

(D) Receipt

ISMS will send a letter of receipt when we receive a hard copy, a Paper Form and E-mail Form (if the author has e-mail facility). The received date is to be specified in the letter.

(E) Revision

If revision of your paper is necessary, the editor informs you directly. When you revise abstract of your paper in that case, you should send new Paper Form with new abstract and E-mail Form with new abstract also.

(F) Acceptance or Rejection, Page Charges

ISMS will inform authors of **acceptance or rejection** of their papers **by e-mail.**

Authors should choose one of the following 3 types of his final draft he will send after acceptance of his paper, (1) **P:** Paper draft only (2) **T:** Paper prepared using TEX and its source file (3) Js: Paper prepared using TEX with ISMS style file, and its source file.

List of the page charges for SCMJ

Every accepted paper is charged ①**¥1,000(US$10, €7) as handling charges** plus ②**page charges.** The page charges per printed page are reduced as follows.

	ISMS members	Non-members
P	¥ 3,500 (US$35, € 23)	¥ 4,000 (US$40, €27)
Tex	¥ 2,000 (US$20, € 14)	¥ 2,500 (US$25, €17)
LateX2e, LaTeX	¥ 700 (US$ 7, € 4)	¥ 1,000 (US$10, € 7)
Js (ISMS style file)	¥ 500 (US$ 5, € 3)	¥ 800 (US$ 8, € 5)

The above page charges include 20 offprints. The additional page charge may be required for the figures contained in the papers. For more information, see our Web Page.

1) **Js** (ISMS style TeX) files mean the files which are ready for publication without any process by our Publication Dept.

Please note whether the file meets the requirement of the ISMS style or not **is judged by ISMS Publication Dept.**

Js files can be made using the ISMS style file for LaTeX, or LaTeX2e, which can be downloaded from ISMS Web Page.

The procedure to make Js files :

(a) Prepare your paper in LaTeX, or LaTeX 2e.

(b) Use the following ISMS style file to make your paper "ISMS style TeX" (Js). (The ISMS style files can be obtained from ISMS Web Pages.)
If your paper contains graphs or figures which cannot be processed even in LaTeX(2e), make them EPS (Encapsulated Post Script) files and then PDF files.

(G) After Acceptance

If the paper is accepted, P authors are requested to send the following (1) & (2), T and Js authors (1) – (4).

(1) A hard copy of the final draft(for publishing)

(2) Paper Form for WWW

(3) The source file of the final draft in TeX, by e-mail or on diskette.

(4) E-mail Form for WWW

(H) Proofreading

ISMS will send a galley proof to P and T authors only but **not to Js authors.** We regard the final files sent by Js authors as ready for publication.

(I) Offprints

Every author can obtain a **password to read his paper and** can make **as many offprints as they want,** using Acrobat Reader.

(J) Online version of SCMJ

The full texts of the accepted papers will be located on the online version of SCMJ in the following two manners from Vol.66, No. 1 (July 2007).

(1) A list of papears in the order of the accepted date.

(2) A list of accepted papers organized by filed of specialization with a link to (1). The field of specialization of the accepted papers will be chosen by the authors in the fields of f-1 - f-14.
(See a listt on page 25)

（Ⅱ）Items required in “ Form for Submission ”

Give the following information by filling in the items on the list.

105. Write the name of the editors whom you will send your manuscript to be refereed.
110. Date of dispatching this form
120. Title of Paper
125. Abbreviated Title (Running Title) of Paper **(Less than 35 letters)**
130. The field of specialization in the fields of f-1～f-14 (page 25) of the paper
132. Keywords and phrases
135. Number of Pages of the manuscript
140. Number of Authors
151.First author’s name, affiliation(institution /university) and its postal address
152.Second author’s name, affiliation (institution /university) and its postal address
153.Third author’s name, affiliation (institution /university) and its postal address
In typing author’s names the order should be Last (Family) name, First name, Middle name. In case there are four authors or more, please write their names, affiliations and their postal addresses as items 154, 155. . . If the authors are temporarily studying or teaching in Japan, please type the affiliations (or universities they graduated from) in their own countries.
170. Author's name to whom correspondences should be sent
180. Author's address of 170
190. Phone 195. Fax 197. E-mail address
200. Please type P or T or Js (see CALL FOR PAPERS (F)).
For the following 201～210 items, authors T and Js are requested to answer. Authors P may skip these items.
201. Do you send your files via e-mail or on diskette? Please type “e-mail” / “diskette” or both.
202. What kind of TeX; do you use?
Please type, LaTeX(old version), LaTeX2e or other TeX
203. Please type you platform you are using. Type WINDOWS, Macintosh or others.
204. If you have used the ISMS style file, then please type the name of the style file you have used.
207. Are you using figures in your paper?
If yes, please type `a figure' or `figures', and type also they will be processed in LaTeX or not?
208. Is your electronic graphics file (if any) is saved in Encapsulated PostScript (EPS) format or in TIFF, PICT, GIF or other standard graphics format?
209. If you send the above files with attachments, you should also send its extension name . Please type the file name and the extension name.
210. If you use compress utility of your file, please type ZIP, gzip, tar, tar + gzip, tar + compress, or etc.
213. Are you a member of the ISMS? If yes, type M. If you are not a member, type NM in case you apply for the membership together with an application form, and type NN in case you do not apply for the membership.
214. What is the special field of the paper? Choose one of the category from f-1 - f-14. (See the next page.)
217. Are you sure that you or your institution will pay the required page charge when this paper is accepted for publication? ; YES or NO.
218. Signature
219. Type Abstract of your paper **in Text file**. (If you use TeX file, you should write the kind of TeX as notes.)
159, 179, 189. For Japanese Author(s), write 151~158, 170, 180 in Japanese.

****

Special Fields (f-1 - f-14)

f-1. Mathematical logic, Set theory, Relative systems, Algebra systems
f-2. Classical algebra, Number theory, Combinatorics, Cryptology
f-3. Topology, Geometry, Imaging
f-4. Real analysis, Complex analysis
f-5. Functional analysis, Operator theory
f-6. Differential equations, Integral equations, Functional equation, Numerical analysis
f-7. Infinite dimensional dynamical systems, Inverse problems
f-8. Fluid dynamics, Atmospheric research, Rheology, Computer aided design, Control theory, Nanoscience
f-9. Probability theory, Statistics, Experimental Design, Quality control
f-10. Operations Research, Decision theory, Queuing theory, Scheduling, Mathematical finance, Mathematical economics
f-11. Informatics, Pattern recognition, Imaging, Computer science, Computer simulation
f-12. Biomathematics, Proteomics, Imaging, Bioscience, System biology
f-13. Mathematical education, History of mathematics
f-14. Over several fields (Ex. Fixed point theory)

****

Call for ISMS Members
Call for Academic and Institutional Members

Discounted subscription price: When organizations become the Academic and Institutional Members of the ISMS, they can subscribe our journal Scientiae Mathematicae Japonicae at the yearly price of US$300. At this price, they can add the subscription of the online version upon their request.

Invitation of two associate members: We would like to invite two persons from the organizations to the associate members with no membership fees. The two persons will enjoy almost the same privileges as the individual members do including the discount of the page charge. Although the associate members cannot have their own ID Name and Password to read the online version of SCMJ, they can read the online version of SCMJ at their organization.

To apply for the Academic and Institutional Member of ISMS, please use the following application form.

Application for Academic and Institutional Member of ISMS

Subscription of SCMJ Check one of the two.	☐Print (US$300) ☐Print + Online (US$300)
University (Institution)	
Department	
Postal Address where SCMJ should be sent	
E-mail address	
Person in charge	Name: Signature:
Payment Check one of the two.	☐Bank transfer ☐Credit Card (Visa, Master)
Name of Associate Membership	1.
	2.

Call for Regular Members

ISMS Membership Dues

A new category "life member" has been established and can be applied for from 2005. An eligible member may become a life member by making a one-time payment of dues. A member who has been an ISMS member for ten years or more is eligible for a life member. The amounts of dues are : ¥70,000 for the domestic members, US$ 600 (€480)for the foreign members, and US$ 500 (€400)for the members in developing countries.

We have reduced the ISMS membership dues since 2001 and copies of the printed journal have not been distributed to the members, free of charge. Instead, we give User Name and Password to each member so that he/she can view or print out the full text of the papers published in SCMJ except papers in the international plaza from our Web site (http://www.jams.or.jp).

The Membership Dues for each category is as follows. Applications for the 3-year members can be made only in 2005 and in every three years.

Membership Dues for this year

Categories	Domestic	Overseas	Developing countries
1-year member (1A)	A1: ¥9,000	F1: US$75 , €60	D1: US$45, €36
3-year member (3A)	A3: ¥24,000	F3: US$200, €160	D3: US$117, €93
1-year students or aged (1S)	SA1: ¥5,000	SF1: US$40, €32	SD1: US$27, €21
3-year students or aged (3S)	SA3: ¥12,000	SF3: US$100, €80	SD3: US$71, €57
Life member* (L)	AL: ¥90,000	FL: US$740, €592	DL:US$616, €493

*The members who have been the ISMS members for more than 10 years are eligible for this category.
The categories 1S and 3S are for students or persons over 70 years old. The figure 1 and 3 means a year and 3 years respectively.
Category D is for those who reside in the countries of Eastern Europe, CIS or developing countries.

****

Payment Instructions

Payment can be made through a post office or a bank, or by credit card. Members may choose the most convenient way of remittance. Please note that we do not accept payment by bank drafts (checks). For more information, please refer to an invoice.

Methods of Overseas Payment:

Payment can be made through (1) a post office, (2) a bank, (3) by credit card, or (4) UNESCO Coupons.

Authors or members may choose the most convenient way of remittance as are shown below. Please note that **we do not accept payment by bank drafts (checks)**.

(1) Remittance through a post office to our giro account No. 00930-1-11872 or send International Postal Money Order to our postal address (2) Remittance through a bank to our account No. 94103518 at Shinsaibashi Branch of CITIBANK (3) **Payment by credit cards** (AMEX, VISA, MASTER or NICOS), or (4) Payment by UNESCO Coupons.

Methods of Domestic Payment:

Make remittance to:
(1) our Post Office Transfer Account - 00930-3-73982 or
(2) our account No.1565679 at SUMITOMO BANK, Sakai, Osaka, Japan.
All of the correspondences concerning subscriptions, back numbers, individual and institutional memberships, should be addressed to the Publications Department, International Society for Mathematical Sciences.

Membership Application Form

To determine what membership category you are eligible for, read "Join ISMS" on the inside of the back cover.

1. Name: Family Name, First Name, Middle Name (in this order)
2. Home Address
3. Name of Firm or Institution affiliation
4. Postal address to which correspondence should be sent
5. e-mail address
6. Telephone Number, Fax Number
7. Membership Category
8. Panel (Please choose one out of the following 14panels in the page 26 and write the panel number. You could choose one or more.)
9. Would you like to buy the printed copies of SCMJ, whose prices a year are US$60(6,000yen) for 1-year-members(A1, F1, D1, SA1, SF1, SD1)and US$55(5,500yen) for 3-year-members(A3, F3, D3, SA3, SF3, SD3) ? Type YES or NO.
10. If you apply for an aged member (70 years old or over), please type the year of your birth.
11. If you wish to be a student member, please verify.
12. Is your university (institution) an Academic or Institutional Member of the ISMS? Yes or No.
13. If the answer of 12 is Yes, please answer the following. Are you designated associate member by your university (institution)?
14. Date
15. Signature

For Japanese Applicants, please send two application forms, one in English and the other in Japanese.

I wish to enroll as a member of ISMS and will pay to International Society for Mathematical Sciences the annual dues upon presentation of an invoice. Copies of Mathematica Japonica, Scientiae Mathematicae and Scientiae Mathematicae Japonicae received as an ISMS member will be for my personal use and shall not be placed in institutional, university or other libraries or organizations, nor can membership subscriptions be used for library purposes.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.

INTERNATIONAL ADVISORS

(a) Name
(b) Postal Address
(b') E-mail address
(c) Reviewable Area
(d) Field of Interests or 2000 AMS subject classification
(e) Electronic files only: Editors with this wording receive only electronic files. Authors should not send hard copies to their postal addresses.

(d) Functional equations and their applications, in particular to mathematical behavioral and social sciences, information and utility theory

(a) **Anthony To-Ming Lau**
(b) Dept. of Mathematical and Statistical Sciences, Univ. of Alberta, Edmonton, Alberta, Canada T6G 2G1
(b') tlau@math.ualberta.ca
(c) harmonic analysis and functional analysis
(d) Abstract harmonic analysis, Functional analysis, Banach algebras, Fixed point theory

(a) **Michael Makkai**
(b) Department of Mathematics and Statistics, McGill University, 805 Sherbrooke Street West, Montreal, Quebec, Canada, H3A 2K6
(b') makkai@math.mcgill.ca
(c) Mathematical Logic, Category Theory
(d) Mathematical logic and foundations, Category theory, homological algebra

(a) **M. S. Srivastava**
(b) Department of Statistics, University of Toronto, 100 St. George Street Toronto, Ontario, M5S 3G3, Canada
(b') srivasta@utstat.toronto.edu
(c) Multivariate Analysis, Sequential Analysis, Quality Control
(d) Multivariate Distribution Theory, Multiple testing, Testing and estimation in high Dimension, Emperical Bayes, and Stein Estimation

(a) **Vladimir Pestov**
(b) Department of Mathematics and Statistics, University of Ottawa, 585 King Edward Avenue, Ottawa, Ontario, Canada K1N 6N5.
(b') vpest283@uottawa.ca
(c) Infinite-dimensional topological groups, Information retrieval, Statistical Learning.
(d) 22-xx, 43A, 46B,C,L, 54H, 68P20, 68T05, 92C40.

(a) **Che Tat Ng**
(b) Department of Pure Mathematics, Faculty of Mathematics, University of Waterloo, 200 University Avenue West, Waterloo, Ontario, Canada N2L3G1
(b') ctng@uwaterloo.ca
(c) Functional equations and their applications
(d) 39Bxx
(e) Electronic files preferred.

CHINA

(a) **Congxin Wu**
(b) Department of Mathematics, Harbin Institute of Technology, Harbin150001, P.R. China
(b') wucongxin@hit.edu.cn
(c) Fuzzy Theory and its Application, Functional Analysis
(d) 46

CZECH REPUBLIC

(a) **Milan Vlach**
(b) Charles University, Faculty of Mathematics and Physics
Malostranske namesti 25, 118 00 Prague 1, Czech Republic
(b') milan.vlach@mff.cuni.cz
(c) Game theory, Fair division, Optimization
(d) 91 Game theory, economics, social and behavioral sciences;
90 Operations research, mathematical programming
06 Order, lattices, ordered algebraic structures

(a) **Vera Trnková**
(b) Mathematical Institute of Charles University, 186 75 Praha 8, Sokolovska 83, Czech Republik
(b') TRNKOVA@karlin.mff.cuni.cz
(c) Universal algebra, Category theory, General topology
(d) category theory, universal algebra, general topology

(a) **Vaclav Koubek**
(b) Department of Theoretical Computer Science and Mathematical Logic (KTIML), The Faculty of Mathematics and Physics (MFF), Malostranske nam. 25, 118 00 Praha 1, Czech Republic
(b') koubek@ktiml.mff.cuni.cz
(c) Theory of lattices. Theory of semigroups. Theory of graphs and their complexity. Complexity theory. Universal algebra
(d) Homomorphisms, Endomorphisms and isomorphisms in varieties of semigroups, Lattices and algebras over distributive lattices, Properties of varieties and quasivarieties properties of hypercubes

FINLAND

(a) **Arto Salomaa**
(b) Jaanintie 34 A 26, 20540 Turku, Finland
(b') asalomaa@utu.fi
(c) Formal languages, automata, computability, cryptography
(d)Theory of automata, Formal languages, Cryptography, Cryptographic protocols, Combinatorics on words, Computability theory, Recursive functions, DNA-based computing, Algorithmic information theory

GERMANY

(a)**Klaus Denecke**
(b) Univ. of Potsdam, Institute of Mathematics, Am Neuen Palais 10, 14469 Potsdam, Am Neuen Palais, Germany
(b') kdenecke@rz.uni-potsdam.de
(c) General Algebra, Discrete Mathematics, Multiple-valued Logic, Ordered Sets and Lattices, Theory of Semigroups
(d) Mathematical logic and foundations, Order, lattices, ordered algebraic structures, General algebraic systems, Group theory and generalizations

(a) **Wilhelm Klingenberg**
(b) Mathematisches Institut der Universitat Bonn Beringstrasse 1, D53115 Bonn, Germany
(b') Klingenb@math.uni-bonn.de
(c) Riemannian Geometry, Differential Geometry, Analysis on manifolds, Calculus of Variations (in decreasing order of competence)
(d) Differential geometry, Global analysis, analysis on manifolds, Calculus of variations and optimal control; optimization, Geometry

(a) **Gerhard Preuss**
(b) Freie Universität Berlin, FB Mathematik, Institut fuer Mathematik, Arnimallee 3, 14195 Berlin, Germany
(b') preuss@math.fu-berlin.de
(c) (1)Categorical Methods in Topology, (2)Convenient Topology, (3)General Topology
(d) (1)Topological categories, reflections, (2)Semiuniform convergence spaces (and their invariants) (3)Topological spaces and generalizations, convergence (general theory) and limits, proximity structures and generalizations, uniform spaces and generalizations, nearness spaces

(a) **Ulrich Hoehle**
(b) Fachbereich C Mathematik und Naturwissenschaften, Bergische Universitaet Wuppertal, Gaussstr. 20, D-42097 Wuppertal, Germany
(b') uhoehle@uni-wuppertal.de
(c) Many valued logic, quantales, many valued topology.
(d) Many valued logic (03B50), quantales (06F07), many valued topology (= fuzzy topology 54A40), Topological linear spaces (46A).

GREECE

(a) **Anastasios Mallios**
(b) Mathematical Institute, Univ. of Athens, Panepistimiopolis, GR-15784 Athens, Greece
(b') amallios@math.uoa.gr
(c) Topological algebra theory, in principle, NOT normed algebras or Banach algebras and the like. Differential Geometry; in particular, infinite-dimensional, and Global Analysis, especially, Differential spaces (58A40), Applications of the above in Physics (53C80)
(d) 46: H05, H15, H20, J05, K05, K10, L80(K-Theory of topological algebras), M05 (Tensor products of topological algebras), N50 (Applications of topological algebras in quantum physics), 58A40, 53C80, 53B50, 53D50, 70H40, 81S10, 81T05

(a) **Maria Fragoulopoulou**
(b) Department of Mathematics, University of Athens, Panepistimiopolis, Athens 157 84, Greece
(b') fragoulop@math.uoa.gr
(c) Non-normed Topological Algebras, Topological Algebras with an Involution, Unbounded Operator Theory, Tensor products of Topological Algebras and Topological *-Algebras.
(d) 46H15, 46H20, 46H25, 46H30, 46H35, 46H40, 46J05, 46J10, 46J15, 46J25, 46J40, 46K05, 46K10, 46L57, 46L60, 47L60, 47L90, 46A32, 47A12
(e) Electronic files only

HUNGARY

(a) **Pal Dömösi**
(b) Institute of Mathematics and Infoematics, Nyíregyháza College, Nyíregyháza, Sóstói út 31/B, H-4400, Hungary
(b') domosi@nyf.hu
(c) Theoretical Computer Science, Algebra
(d) Theory of automata and formal languages
(e) Electronic files only

(a) **Kálmán György**
(b) University of Debrecen, Institute of Mathematics, 4010 Debrecen, Hungary
(b') gyory@math.klte.hu
(c) Number Theory (mainly Diophantine and Algebraic Number Theory)
(d) Number theory
(e) Electronic files only

(a) **Gyula Maksa**
(b) Institute of Mathematics, University of Debrecen, H-4010 Debrecen, Pf. 12, Hungary
(b') maksa@math.klte.hu
(c) Functional equations
(d) Functional equations and their applications, in particular to information theory
(e) Electronic files only

INDIA

(a) **Ashis SenGupta**
(b) Applied Statistics Unit, Indian Statistical Institute, 203 Barrackpore Trunk Road, Kolkata, W.B. 700108, India
(b') ashis@isical.ac.in; amsseng@yahoo.co.in; amsseng@gmail.com
(c) Bayesian Inference, Directional Data - Inference and Analysis, Distribution Theory, Environmental Statistics, Multivariate Analysis, Reliability, Spatial Data Analysis, Statistical Inference - univariate and multivariate
(d) As in (c)
(e) I will accept both hard copies and electronic files, but will prefer to the latter for faster processing.

ISRAEL

(a) **Dany Leviatan**
(b) School of Mathematics and Rector, Tel Aviv University, 69978 Tel Aviv, Israel
(b') leviatan@post.tau.ac.il
(c) Approximation Theory, Computer Added Geometric Design, Summability
(d) Shape preserving approximation, Widths, Wavelets, Image processing

ITALY

(a) **Angelo Favini**
(b) Dept. of Mathematics, Bologna Univ., Piazza di Porta S. Donato, 5, 40126, Bologna, Italy
(b') favini@dm.unibo.it
(c) Abstract evolution equations
(d) Evolution equations, Control theory for abstract differential equations and PDE.

(a) **Luigi M. Ricciardi**
(b) Università di Napoli Federico II, Dipartimento di Matematica e Applicazioni, Via Cintia, 80126 Napoli, Italy
(b') luigi.ricciardi@unina.it
(c) Mathematical Models in Biology, Applications of Probability and Stochastic Processes
(d) Special processes, Markov processes, Mathematical biology in general

(a) **Davide Guidetti**
(b) Dipartimento di matematica, Univ. of Bologna, Piazza di Porta S. Donato 5, 40126 Bologna (Italy)
(b') guidetti@dm.unibo.it
(c) Functional analysis, partial differential equations, differential equations in abstract spaces.
(d) Partial differential equations of ellitpic type (35JXX), Parabolic equations and systems (35KXX), Differential equations in abstract spaces (34JXX).
(e) Electronic files only

(a) **Tonia Ricciardi**
(b) Department of Mathematics and its Applications, Federico II University, Via Cintia, 80126 Naples, Italy.
(b') tonia.ricciardi@unina.it
(c) Nonlinear elliptic partial differential equations
(d) Blow-up analysis for nonlinear elliptic equations, variational methods, Sobolev-type inequalities on manifolds.

(a) **Gian-Luigi Forti**
(b) Dipartimento di Matematica, The Univ. d. Studi di Milano, via C. Saldini 50, I-20133 Milano (Italy)
(b') gianluigi.forti@unimi.it
(c) Functional equations, Iteration, Discrete dynamical systems
(d) 39Bxx, 37Axx, 37Bxx, 37Cxx, 37Dxx, 37Exx, 37Fxx, 26-xx.
(e) Electronic files only

NETHERLANDS

(a) **Grzegorz Rozenberg**
(b) Leiden Institute of Advanced Computer Science (LIACS) Leiden University, Niels Bohrweg 1, 2333 CA Leiden, The Netherlands
(b') rozenber@liacs.nl
(c) Natural computing, Formal languages and automata theory
(d) Molecular computing, Formal languages, Concurrency theory (Petri nets)
(e) Electronic files only

POLAND

(a)**Henryk Hudzik**
(b) Faculty of Mathematics and Computer Science, Adam Mickiewicz University of Poznań, Jan Matejko Street 48/49, 60-769 Poznań, Poland
(b') hudzik@amu.edu.pl
(c) Function spaces theory and abstract Banach spaces theory
(d) 46(A45, A80, E30, B20, B25, B40, B42, B04), 26(A45)

(a) **Tomasz Kubiak**
(b) Faculty of Mathematics and Computer Science, Adam Mickiewicz University, Umultowska 87, 61-614 Poznań, Poland
(b') tkubiak@amu.edu.pl
(c) Fuzzy-set topology, General topology (in particular, insertion and extension of functions), Pointfree topology, Frames, and Locales (06D22), Lattices
(d) General topology, Order, lattices, ordered algebraic structures

(a) **Julian Musielak**
(b) Faculty of Mathematics and Computer Science, Adam Mickiewicz University of Poznan, UL. MATEJKI 48/49, 60-769 Poznań, Poland
(c) Real Functions: Sequences, Series, Summability: Approximation; Fourier Analysis; Functional Analysis
(d) 20 A, B, D, E, 40 A-D, F, G, 41, 42, 46A-F

(a) **Danuta Przeworska-Rolewicz**
(b) Institute of Mathematics, Polish Academy of Sciences, Śniadeckich 8, 00-956 Warszawa 10, P.O. Box 21, Poland
(b') rolewicz@impan.gov.pl
(c) Algebraic methods in Analysis
(d) Operator Theory, Integral Equations

(a) **Stefan Rolewicz**
(b) Institute of Mathematics, Polish Academy of Sciences, Śniadeckich 8, 00-956 Warszawa 10, P.O Box 21, Poland
(b') rolewicz@impan.gov.pl
(c) Functional Analysis, Mathematical Optimization
(d) Functional analysis, Calculus of variations and optimal control; optimization, Systems theory; control

(a) **Krzysztof Szajowski**
(b) Institute of Mathematics and Computer Science, Wroclaw University of Technology, Wybrzeze, Wyspianskiego 27, PL-50-370 Wroclaw, Poland
(b') Krzysztof.Szajowski@pwr.wroc.pl
(c) Applied Probability
(d) Optimal stopping theory; game theory; applied probability; Secondary interest: operations research; applied and mathematical statistics; optimal stochastic control;

(e) I can accept the electronic files only.

(a) **Dariusz Zagrodny**
(b) Faculty of Mathematics and Natural Science, College of Science, Cardinal Stefan Wyszynski University, Dewajtis 5, 01-815 Warsaw, Poland
(b') d.zagrodny@uksw.edu.pl
(c) Nonsmooth Analysis (this is my main field of research), Nonlinear Programming (convex, nonconvex), Risk Theory (optimal risk transfer), Maximal Monotonicity (with respect to duality)
(d) 49J52, 49J53, 49J40, 49K27, 49K35, 47H05, 90C25, 90C26, 90C29, 90C30, 90C47, 91B16, 91B30

(a) **Piotr Multarzynski**
(b) Faculty of Mathematics and Information Science, Warsaw University of Technology, PL. Politechniki 1, 00-661 Warsaw, Poland
(b') multarz@mini.pw.edu.pl
(c) Algebraic approach to smooth manifolds and their generalizations; Sikorski and Froelicher differential (or smooth) spaces; Algebraic analysis(calculus of right invertible operators); Difference algebra; Difference operators; Discrete version of topics in analysis and differential geometry;
(d) Algebraic approach to differential geometry; Discrete differential geometry; 12H10, 39A12, 39A70, 47B39
(e) Electronic files only

ROMANIA

(a) **Ioan A. Rus**
(b) Department of Applied Mathematics, Babes-Bolyai University, Str. Kogalniceanu No. 1, 400084 Cluj-Napoca, Romania.
(b') iarus@math.ubbcluj.ro
(c) Fixed Point Theory
(d) Fixed point theory and its applications, in particular Ordinary Differential Equations, Partial Differential Equations and Integral Equations

(a) **Vasile Berinde**
(b) Department of Mathematics and Computer Science, Faculty of Sciences North University of Baia Mare, Victoriei Nr. 76, 430122 Baia Mare, Romania
(b') vberinde@ubm.ro
(c) Fixed Point Theory, iterative approximation of fixed points
(d) 47H10; 47H09; 54H25; 55M20
(e) Electronic files only

(a) **Adrian Petrusel**
(b) Babes-Bolyai University Cluj-Napoca, Faculty of Mathematics and Computer Science, street no. 1, 400084 Cluj-Napoca, Romania
(b') petrusel@math.ubbcluj.ro
(c) Nonlinear Analysis
(d) Fixed Point Theory, Multivalued Analysis, Ordinary Differential Equations and Inclusions, Integral Equations and Inclusions.
(e) Electronic files only

RUSSIA

(a) **Vladimir Kanovei**
(b) Institute for Information Transmission Problems (IITP, Moscow) Bol. Karetnyj 19, Moscow 127994, Russia
(b') kanovei@googlemail.com

(c) Descriptive Set Theory, Nonstandard Analysis
(d) Mathematical logic and foundations

(a) **Semen S. Kutateladze**
(b) The Sobolev Institute of Mathematics of the Siberian Branch of the Russian Academy of Sciences, Academician Koptyug's Avenue 4, Novosibirsk, 630090, RUSSIA
(b') sskut@member.ams.org and sskut@math.nsc.ru
(d) Functional Analysis, Operator Theory, Convex and Discrete Geometry, Economics, operations research, programming, games, Set theory

(a) **Vladimir V. Mazalov**
(b) Institute of Applied Mathematical Research, Karelia Research Center of Russian Academy of Sciences Pushkinskaya str., 11, Petrozavodsk 185610, Russia
(b') vmazalov@krc.karelia.ru
(c) Optimal Stopping Theory, Game with Optimal Stopping, Stochastic Dynamic Programming, Applications in Behavioral Ecology
(d) Optimal stopping theory, Game theory, Stochastic Dynamic Programming, Networking games.

(a) **Andrei Vesnin**
(b) Sobolev Institute of Mathematics, pr. ak. Koptyuga 4, Novosibirsk, 630090, Russia
(b') vesnin@math.nsc.ru
(c) Low-dimensional topology, Knot theory, Hyperbolic manifolds and orbifolds.
(d) 57M12, 57M25, 57M27, 57M50, 57M60

SOUTH AFRICA

(a) **Joachim Schröder**
(b) Department van Wiskunde, Universiteit van die Vrystaat, Posbus 339, Bloemfontein 9300, South Africa
(b') schroderjd@qwa.uovs.ac.za
(c) Enumerative combinatorics, Categorical methods in topology, Set theoretic topology.
(d) Enumerative combinatorics, Path enumeration, Categorical methods in topology, Set theoretic topology, Cardinal invariants, Elementary submodels
(e) Electronic files only

SPAIN

(a) **Luis M. Sanchez Ruiz**
(b) ETSID-Depto. de Matematica Aplicada, Universidad Politecnica de Valencia, E-46022 Valencia, Spain
(b') LMSR@mat.upv.es
(c) Functional Analysis, Topological Vector Spaces, Barrelledness Properties, Baire-like Spaces, Continuous Function Spaces, Wavelets
(d) Functional Analysis, Topological Vector Spaces, Fuzzy Sets,Wavelets

(a) **Manuel Valdivia**
(b) Departamento de Analisis Matematico Universidad de Valencia Doctor Moliner, 50
46100 Burjasot (Valencia) Spain
(b') Domingo.Garcia@uv.es or Manuel.Maestre@uv.es
(c) Functional Analysis
(d) Functional Analysis

(a) **Salvador Hernandez**
(b) Departamento de Matematicas, Universitat Jaume I, 12071 Castellon, Spain
(b') hernande@mat.uji.es
(c) Topological groups, Spaces of continuous functions, Operators defined between spaces of continuous

functions, General topology.
(d) Topological groups, Spaces of continuous functions, General topology, functional analysis, Abstract harmonic analysis.

(a) **Jorge Galindo**
(b) Instituo de Matemáticas y Aplicaciones de Castellón (IMAC), Departamento de Matemáticas, Universidad Jaume I, 12071-Castellón, Spain.
(b') jgalindo@mat.uji.es
(c) Topological Algebra, Abstract Harmonic Analysis, General Topology.
(d) Topological groups, representations of topological groups, duality in topological groups, totally bounded (pseudocompact, countably compact …) topological groups.
22Axx, 22Bxx, 22C05, 22Dxx, 43A05, 43A07, 43A22, 43A25, 43A30, 43A35, 43A46, 43A60, 54H11
(e) Electronic files only

(a) **Javier Gutierrez Garcia**
(b) Departamento de Matematicas, Universidad del Pais Vasco-Euskal Herriko Unibertsitatea, Apartado 644, 48080, Bilbao, Spain
(b') javier.gutierrezgarcia@ehu.es
(c) Lattice-valued topology, General topology (in particular, insertion and extension of functions), Pointfree topology
(d) 54A40, 54D15, 06D22
(e) Electronic files preferred.

TAIWAN

(a) **Hang-Chin Lai**
(b) Department of Applied Mathematics, Chung Yuan Christian University, Chung-Pei Rd., Chung Li City, Taiwan; Department of Mathematics, National Tsing Hua University, Kung-Fu Rd., Hsing Chu City, Taiwan
(b') hclai@cycu.edu.tw , laihc@mx.nthu.edu.tw
(c) Nonlinear Analysis, Optimization Theory
(d) Harmonic Analysis, Optimization theory and method
(e) Electronic files (PDF file with a cover letter)

UNITED KINGDOM

(a) **Philip D. Welch**
(b) Dept. of Mathematics, University of Bristol, BS8 1TW, England
(b') p.welch@bris.ac.uk
(c) Mathematical logic, Set theory
(d) Mathematical logic, Set theory 03, 04

UNITED STATES OF AMERICA

(a) **Andreas Blass**
(b) Mathematics Department, University of Michigan, Ann Arbor, MI 48109-1043, USA
(b') ablass@umich.edu
(c) Mathematical logic, set theory, category theory
(d) mathematical logic, set theory, category theory, and theoretical computer science.
(e) Electronic files only

(a) **Steven J. Brams**
(b) Dept. of Politics, New York University, 19 West 4th St., 2nd Fl., New York, NY 10012 USA
(b') steven.brams@nyu.edu

(c) Social choice, Voting, Game theoretic models, fair-division models
(d) Social choice, Voting, Game theoretic models, fair-division models

(a) **W. Wistar Comfort**
(b) Department of Mathematics, Wesleyan University, Wesleyan Station, Middletown, CT USA 06459
(b') wcomfort@wesleyan.edu
(c) Topological theory of topological groups, General (set-theoretic) topology
(d) 22Axx, 54A25, 54H11, 54G11

(a) **John B Conway**
(b) Professor and Chair of Mathematics, George Washington University, Old Main, 1922 F Street, NW, Washington, DC 20052, U.S.A.
(b') Conway@gwu.edu
(c) Functional Analysis and Operator Theory
(d) Banach spaces and functional analysis, Operator Theory, special classes of operators.

(a) **J. Donald Monk**
(b) Mathematics Department, Univ. of Colorado, Boulder, Colorado, USA, 80309-0395
(b') don.monk@colorado.edu
(c) Set-theoretic aspects of the theory of Boolean algebras
(d) 06Exx

(a) **Pranab K. Sen**
(b) Department of Biostatistics and Statistics, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-7400, USA
(b') pksen@bios.unc.edu
(c) Statistical Inference including multivariate and sequential analysis, nonparametrics and semiparametrics
(d) 62E, 62F, 62G, 62H, 62J, 62L, 62M, 62N, 62P10-P25

(a) **Togo Nishiura**
(b) Department of Mathematics and Computer Science, Dickinson College, P.O. Box 1773, Carlisle, PA 17013-2896,USA
(b') nishiura@dickinson.edu
(c) Real Functions, Dimension Theory,
(d) Real functions, Classical measure theory, General topology - dimension theory.

(a) **Alexander V. Arhangel'skii**
(b) Department of Mathematics, 321 Morton Hall, Ohio University, Athens, Ohio 45701, U.S.A.
(b') arhangel@math.ohiou.edu
(c) General topology, Topological algebra, (including Topological groups), Topological Function Spaces. Secondary: Set theory, Functional Analysis.

(a) **Paul Cull**
(b) Computer Science, Kelley Engineering Center, Oregon State University, Corvallis, OR 97331, USA
(b') pc@cs.orst.edu
(c) Difference Equations and Dynamical Systems, Computer Science (Theory, Algorithms, Networks), Mathematical Biology (Population Models, Neural Nets)
(d) Difference Equations and Dynamical Systems (39, 37), Computer Science (68M, 68Q, 68R, 68W), Mathematical Biology (92D, 92B)

(a) **Charles Eugene Smith**
(b) Biomathematics Graduate Program, and Dept. of Statistics Box 8203, North Carolina State Univ., Raleigh, NC 27695-8203, USA
(b') bmasmith@stat.ncsu.edu

(c) Biological models, Applied stochastic processes, Statistics
(d) 92-xx, 62-xx, 60-xx, 37-xx
(e) Electronic files only

JAPAN

f-1,

(a) **Mariko Yasugi**
(b) 28-21 Misasagiikezutsumicho, Yamashinaku, Kyoto 607-8433, Japan
(b') yasugi@cc.kyoto-su.ac.jp
(c) Logic Oriented Mathematics
(d) Traditional subjects of mathematical logic, computability in analysis, applications of logic to knowledge

(a) **Kiyoshi Iseki**
(b) 14-6, Kitamachi, Sakuragaoka, Takatuki, Osaka 569-0817, Japan
(b') iseki@jams.jp
(c) Relation systems, Algebraic systems
(d) Model Theory, Set-theoretic Analysis

(a) **Teruo Imaoka**
(b) Dept. of Mathematics and Computer Sciences, Shimane Univ., Matsue, Shimane 690-8504, Japan
(b') imaoka@riko.shimane-u.ac.jp
(c) Semigroup Theory
(d) 20Mxx

f-2,

(a) **Noburo Ishii**
(b) Faculty of Liberal Arts and Sciences, Osaka Prefecture Univ., 1-1, Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan
(b') ishii@las.osakafu-u.ac.jp
(c) Algebraic Number Theory
(d) Algebraic Number Theory, Elliptic curves, Modular forms of one variable

f-3,

(a) **Yasunao Hattori**
(b) Dept. of Mathematics and Computer Sciences, Shimane Univ., Matsue, Shimane 690-8504, Japan
(b') hattori@riko.shimane-u.ac.jp
(c) General Topology
(d) General topology

(a) **Kohzo Yamada**
(b) Faculty of Education, Shizuoka Univ., 836 Ohya, Shizuoka 422-8529, Japan
(b') eckyama@ipc.shizuoka.ac.jp
(c) General Topology
(d) General topology, Free topological groups, Dimension theory

(a) **Yoshikazu Yasui**
(b) Department of Modern Education, Faculty of Education, Kio University, 4-2-2, Umami-naka, Koryo-cho, Kitakaturagi-gun, Nara, 635-0832, Japan

(b') y.yasui@kio.ac.jp
(c) General Topology
(d) 54 general topology

(a) **Shinichi Suzuki**
(b) Dept. of Mathematics, School of Education Waseda University, 1-6-1 Nishiwaseda, Shinjuku-ku, Tokyo 169-8050, Japan
(b') sssuzuki@waseda.jp
(c) knot theory, low dimensional manifolds and graph theoty
(d) 57M Low-dimensional topology 57Q PL-topology 05C Graph theory

f-4,

(a) **Jun Kawabe**
(b) Department of Mathematical Sciences, Shinshu University, 4-17-1 Wakasato, Nagano 380-8553, Japan
(b') jkawabe@shinshu-u.ac.jp
(c) Measure theory, Functional analysis
(d) Measure and integration, Vector measures, Non-additive measure theory, Topological linear spaces and related structures

(a) **Shizu Nakanishi**
(b) 4-15 Jonanteramachi, Tennoji-Ku, Osaka 543-0017, Japan
(b') shizu.nakanishi@nifty.ne.jp
(c) Real Analysis
(d) Non-absolute convergent integrals, Ranked spaces, Convergent spaces, Ranked space valued integrals

(a) **Kuninori Sakurada**
(b) 2-3-53, Hanakawa-kita, Ishikari 061-3212, Japan
(b') sakurada@sap.hokkyodai.ac.jp
(c) Real analysis
(d) Calculus of functions taking values in infinite -dimentional spaces, Other "topological" linear spaces (ranked spaces)

f-5,

(a) **Masako Washihara**
(b) 1-39-18, Izuo, Taishou-ku, Osaka 551-0031, Japan
(b') RXK00312@nifty.ne.jp
(c) Topological linear spaces
(d) Topological linear spaces; Locally convex Frechet spaces and (DF)-spaces, Spaces defined by inductive or projective limits (LB, LF, etc.), Other "topological" linear spaces (ranked spaces)

(a) **Moto O'uchi**
(b) Dept. of Mathematics and Information Sciences, Graduate School of Science, Osaka Prefecture University, Sakai City, Osaka 599-8531, Japan
(b') ouchi@mi.s.osakafu-u.ac.jp
(c) C*-algebras
(d) C*-algebras, C*-modules, groupoids

(a) **Masatoshi Fujii**
(b) Dept. of Mathematics, Osaka Kyoiku Univ., Asahigaoka, Kashiwara, Osaka 582-8582, Japan
(b') mfujii@cc.osaka-kyoiku.ac.jp
(c) Operator Theory
(d) Operator Theory

(a) **Masaru Nagisa**
(b) Dept. of Mathematics and Informatics, Faculty of Science, Chiba Univ., Yayoi-cho, Chiba, 263-8522, Japan
(b') nagisa@math.s.chiba-u.ac.jp
(c) operator algebra, operator spaces
(d) 46L, 47L
(e) Electronic files only.

(a) **Toshihiko Nishishiraho**
(b) Department of Mathematical Sciences, Faculty of Science, University of the Ryukyus, Nishihara-cho, Okinawa 903-0213, Japan
(b') nisiraho@sci.u-ryukyu.ac.jp
(c) Approximation Theory
(d) 41A10, 41A17, 41A25, 41A27, 41A30, 41A35, 41A36, 41A40, 41A50, 41A52, 41A65

(a) **Wataru Takahashi**
(b) Shiratoridai 52-27, Aoba-ku, Yokohama 227-0054, Japan
(b') wataru@is.titech.ac.jp, wataru@a00.itscom.net
(c) Nonlinear Functional Analysis
(d) Measure and Integration, Approximations and Expansions, Functional Analysis, Operator Theory, Calculus of Variations and Optimal Control; Optimization, Convex and Discrete Geometry, General Topology, Numerical Analysis, Economics, Programming, Games

f-6,

(a) **Kazuo Taniguchi**
(b) 1-1, Gakuen-cho, Naka-ku, Sakai, Osaka, 599-8531 Japan
(b') taniguch@mi.s.osakafu-u.ac.jp
(c) Partial Differential Equations
(d) Analysis
(e) Electronic files only.

f-6, f-11,

(a) **Shin-ichi Nakagiri**
(b) Department of Applied Mathematics, Faculty of Engineering, Kobe University, Rokko, Nada, Kobe 657-8501, Japan
(b') nakagiri@cs.kobe-u.ac.jp
(c) Optimal Control, Nonlinear Wave Equation, Inverse Problem, Functional Differential Equation
(d) 35, 45, 46, 49, 93

f-7,

(a) **Atsushi Yagi**
(b) Dept. of Applied Physics, Graduate School of Engineering, Osaka Univ., 2-1 Yamadaoka, Suita, Osaka 565-0871, Japan
(b') yagi@ap.eng.osaka-u.ac.jp
(c) Non linear partial differential equation

f-8,

(a) **Suguru Arimoto**
(b) Research Organization of Science and Engineering, Ritsumeikan Univ., Kusatsu, Shiga, 525-8577 Japan
(b') arimoto@fc.ritsumei.ac.jp
(c) Control Theory, Information Theory, Robotics

(d) Nonlinear Control for Mechanical Systems, Riemannian Geometry Approach for Multi-body Systems, and Iterative Learning Control

(a) **Shigeru Omatsu**
(b) Dept. of Computer and Systems Sciences, Graduate Schoolof Engineering, Osaka Prefecture Univ., Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan
(b') omatu@cs.osakafu-u.ac.jp
(c) Neural Networks, Control and Estimation, Signal Processing

(a) **Akira Mizohata**
(b) Frontier Science Innovation Center, Osaka Prefecture University, 1-2Gakuen-cho, Naka-ku, Sakai, Osaka 599-8570, Japan
(b') mizohata@riast.osakafu-u.ac.jp
(c) Analysis of environmental data

(a) **Nobutaka Monji**
(b) Graduate School of Life and Environmental Sciences, Osaka Prefecture University, Gakuen-cho, Naka-ku, Sakai, Osaka, 599-8531, Japan
(c) Meteorology
(d) Geophysics

f-9,

(a) **Yasunari Higuchi**
(b) Dept. of Mathematics, Faculty of Science, Kobe Univ., Rokko, Kobe 657-8501, Japan
(b') higuchi@math.s.kobe-u.ac.jp
(c) Probability, Statistical Mechanics
(d) 60 Probability Theory and stochastic processes, 82 Statistical mechanics

(a) **Masao Kondo**
(b) Dept. of Mathematics and Computer Science, Faculty of Science, Kagoshima University, 1-21-35 Korimoto, Kagoshima 890-0065, Japan
(b') kondo@sci.kagoshima-u.ac.jp
(c) Statistical Inference for Stochastic Processes
(d) Time Series Analysis

(a) **Hisao Nagao**
(b) 5-1-25-506, Senrioka, Settu, Osaka 566-0001, Japan
(b') nagao@jams.jp
(c) Multivariate Analysis, Sequential Analysis, Jackknife Statistics and Bootstrap Method
(d) Mathematical Statistics

(a) **Hajime Yamato**
(b) 3-32-1-708 Take, Kagoshima 890-0045, Japan
(b') yamato_march@hiz.bbiq.jp
(c) Nonparametric inference
(d) Statistics
(e) Electronic files only.

(a) **Masanobu Taniguchi**
(b) Dept. of Applied Mathematics, School of Fundamental Science & Engineering, Waseda University, 3-4-1, Okubo, Shinjuku-ku, Tokyo,169-8555, Japan, Tel & Fax: 03-5286-8095
(b') taniguchi@waseda.jp
(c) Statistical Inference for Stochastic Processes

(d) Time Series Analysis, Statistical Asymptotic Theory, MultivariateAnalysis, Econometrics, Statistical Financial Engineering, Information Geometry

(a) **Masamori Ihara**
(b) 18-8 Neayagawa, Osaka, 572-8530, Japan
(b') ihara@isc.osakac.ac.jp
(c) Statistical Qualtiy Managment, Statistical Quality Control, Multivariate Statistical Analysis
(d) 62P30 62J05 62H25 62H20
(e) Electronic files only

f-10,

(a) **Toshihide Ibaraki**
(b) 195-5 Hanazono-cho Iwakura Sakyo-ku Kyoto, Japan 606-0024
(b') ibaraki@ieee.org
(c) combinatorial optimization, discrete algorithms

(a) **Wuyi Yue**
(b) Dept. of Intelligence and Informatics, Faculty of Intelligence and Informatics, Konan University, 8-9-1 Okamoto, Higashinada-ku , Kobe 658-8501, JAPAN
(b') yue@konan-u.ac.jp
(c) Queueing networks, Performance Analysis and Modeling,
Communications Networks, Operations Research, Markov Processes,
Probabilistic Methods, Systems Engineering
(e) Electronic files only

(a) **Toshio Nishida**
(b)1-16-18 Sakuragaoka, Minoo, Osaka 562-0046, Japan
(b')nishidasakura@hcn.zaq.ne.jp
(c) Operations Research
(d) 90B

(a) **Hiroaki Ishii**
(b) Department of Mathematical Sciences, School of Science and Technology, Kwansei Gakuin University 2-1 Gakuen, Sanda, Hyogo 669-1337, Japan
(b') ishiihiroaki@kwansei.ac.jp
(c) Operations Research and Fuzzy Theory, especially Mathematical Programming (Stochastic Programming, Combinatorial Optimization, Fuzzy Programming), Scheduling Theory, Graph and Network Theory, Inventory control, Mathematical evaluation method

(a) **Yoshisada Murotsu**
(b) 6-48-9 Tsukaguchi-cho, Amagasaki, Hyogo 661-0002, Japan
(b') murotsuy@ybb.ne.jp
(c) Reliability, OR

(a) **Junzo Watada**
(b) Graduate School of Information, Production and Systems (IPS) Waseda Univ., 2-7 Hibikino, Wakamatsuku, Kitakyushu, Fukuoka 808-0135, Japan
(b') junzow@osb.att.ne.jp
(c) Fuzzy systems, Multivariate analysis, Intelligent systems, Soft computing
(d) Operations Research, Decision theory, Scheduling, Mathematical finance, Mathematical economics, Informatics, Pattern recognition, Imaging, Computer science, Computer simulation, DNA computation

(a) **Yoshinobu Teraoka**
(b) Faculty of Business Administration, Kinki University, 3-4-1 Kowakae Higashi-Osaka City, 577-8502, Japan
(b') y-teraoka@bus.kindai.ac.jp
(c) Operations Research, Game Theory
(d) 90 Economics, Operations Research

(a) **Shojiro Tagawa**
(b) Faculty of Economics, Saga University, 1 Honjo-cho, Saga-city, Saga 840-8502, Japan
(b') tagawas@cc.saga-u.ac.jp
(c) Econometric analysis
(d) Econometrics, Economic statistics

(a) **Yoshio Tabata**
(b) Graduate School of Business Administration, Nanzan University, 18 Yamazato-cho,
Showa-ku, Nagoya 466-8673, Japan
(b') tabata@nanzan-u.ac.jp
(c) Mathematical Finance, Sequential Decision Theory
(d) Financial Engineering and Operations Research

(a) **Katsuhiro Miyamoto**
(b) School of Accountancy, Graduate School of Kansai University, 3-3-35 Yamate-cho, Suita 564-8680, Japan
(b') bkafy209@rinku.zaq.ne.jp
(c) Mathematical Economics
(d) Economics

(a) **Ken'ichi Mori**
(b) 20-149 Sanodai,, Izumisano, Osaka, Japan. Zip 598-0075
(b') mtake21@yahoo.co.jp
(c) Operations Research, Management Science
(d) Operations Research
(e) Electronic files only

f-11,

(a) **Yoshiki Kinoshita**
(b) Collaborative Facilities for Verification and Semantics (CVS),
National Institute of Advanced Industrial Science and Technology (AIST),
3-11-46 Nakoji, Amagasaki-shi, Hyogo, 661-0974, Japan
(b') yoshiki@m.aist.go.jp
(c) Software Science, Programming language semantics
(d) 03B70, 18C, 68N30, 68Q.
(e) Electronic files only

(a) **Masako Sato**
(b) General Coordination Office, Osaka Prefecture Univ., 1-1 Gakuen-cho, Naka-ku, Sakai, Osaka, 599-8531
Japan
(b') sato@ao.osakafu-u.ac.jp
(c) Algorithemic Learning Theory
(d) Computer Science, Combinatorial Theory

(a) **Hiroshi Kimura**
(b) Dept. of Information Science, Okayama University of Science, 1-1 Ridai-cho, Okayama, 700-0005 Japan
(b') kimura@mis.ous.ac.jp
(c) Monte Carlo simulation, Random Number generation
(d) 68U20, 65C05, 65C10

f-12,

(a) **Seizaburo Arita**
(b) 1-3, Tataradodani, Kyotanave-City, Kyoto, 610-0329, Japan
(b') sarita@mail.doshisha.ac.jp
(c) Fuzzy Theory, Medical Application of Chaos Theory, Medical Application of Fuzzy Theory
(d) Medical Application, Fuzzy, Chaos, Diagnosis

(a) **Hiroyoshi Naito**
(b) Department of Physics and Electronics, Osaka Prefecture University, 1-1 Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan
(b') naito@pe.osakafu-u.ac.jp
(c) Chemical Physics, Statistical mechanics
(d) 93E99, 65C05, 65Mxx

(a) **Shunsuke Sato**
(b) Faculty of Nursing and Rehabilitation, Aino University, 4-5-4, Higashi-Ooda, Ibaraki, Osaka 567-0012 Japan tel: +81-72-627-1711 ext. 223 fax: +81-72-627-1753
(b')s-sato@pt-u.aino.ac.jp
(d) 92Bxx Mathematical biology in general, 92B20 Neural networks, See also 68T05, 82C32, 94Cxx
(e) Electronic files only

****

****