

AMERICAN SOCIETY MATHEMATICAL

MINUTES OF THE COUNCIL

08 September 1992

Providence, Rhode Island

March 10, 1999

Abstract

The Council of the American Mathematical Society met at 2:00 pm on Tuesday, 08 September 1992 in the Marriott Hotel, Providence, RI. The following members were present: Michael Artin, Sheldon Axler, M. Salah Baouendi, Joan S. Birman, Lenore Blum, Ruth M. Charney, W. Wistar Comfort, Carl C. Cowen, Jr., David A. Cox, Chandler Davis, Wendell Fleming—attending in place of Al Taylor, Robert Fossum, John M. Franks, Frank Gilfeather, Ronald L. Graham, Judy Green, Arthur Jaffe, Linda Keen, Irwin Kra, Elliott H. Lieb, Andy Roy Magid, F. P. Peterson, Carl Pomerance, Frank S. Quinn, Hugo Rossi, Wilfried Schmid, Lance W. Small (Associate Secretary with vote), Steven H. Weintraub, Ruth J. Williams, and Shing-Tung Yau. Others attending were Donald G. Babbitt, John S. Bradley, Hope Daly, Robert Daverman, Tim Goggins, Ellen Heiser, Allyn Jackson, William H. Jaco, Jane Kister, Donald Kreider, James Maxwell, Carol McConway, Richard Palais, Samuel Rankin, Lesley Sibner, Jeremy Soldevilla, Carol Wood, and William B. Woolf.

President Artin presided.

Contents

0	Call to Order and Introductions.	4
0.1	Call to Order.	4
1	MINUTES	4
1.1	March 92 Council.	4
1.2	Business by Mail: 04 May 1992	4
1.3	Business by Mail: 18 June 1992	4
1.4	May 1992 Executive Committee and Board of Trustees (ECBT).	4
2	CONSENT AGENDA.	4
2.1	Resolutions	4
2.1.1	Judith Sunley, NSF	4
2.2	Discharge Committees.	5
2.2.1	<i>ad hoc</i> Committee on CAFTES and COPE	5
2.2.2	<i>ad hoc</i> Coordinating Committee for Doctoral Program in Mathematics	5
2.2.3	<i>ad hoc</i> Committee on Applications of Mathematics.	5
2.2.4	AMS-LMS Program Committee.	5
2.2.5	Coop. with Latin American Mathematicians	5
2.2.6	<i>ad hoc</i> Committee to Study Relations with Soviet Mathematicians.	5
2.2.7	Subcommittee on Appointments	5
2.2.8	Committee on Academic Review.	5
2.3	Revise Charge	6
2.4	AMS-DMV Liaison Committee.	6
2.5	Board of Trustees	6
3	REPORTS OF BOARDS AND STANDING COMMITTEES.	6
3.1	Editorial Boards Committee (EBC). [EXECUTIVE SESSION]	6
3.2	Mathematics of Computation	6
3.2.1	American Journal of Mathematics	6
3.2.2	Journal of the American Mathematical Society	6
3.2.3	Proceedings of the AMS: Page allocation	7
3.2.4	History of Mathematics	7
3.3	Nominating Committee.	7
3.3.1	Notices Editorial Committee.	7
3.3.2	Committee to Monitor Problems in Communication.	7
3.3.3	Committee on Professional Ethics.[EXECUTIVE SESSION]	7
3.4	Executive Committee and Board of Trustees (ECBT).	8
3.4.1	Dues.	8
3.4.2	Postdoctoral Program (Item 6.17 of 92.05 ECBT Minutes).	9
3.4.3	Resource Analysis	9
3.4.4	Committee on Research in Undergraduate Mathematical Education (CRUME).	9
3.4.5	High School Lecture Series.	9
3.5	International Representation on Editorial Committees (Item 5.4 of May 92 ECBT).	9
3.5.1	Nomination of Officers.	10

3.6	Report from AMS Representative to Canadian Mathematical Society.	10
4	REPORTS OF SPECIAL (<i>ad hoc</i>) COMMITTEES.	10
4.1	Committee on Committees subcommittee on Restructuring.	10
4.2	Nomination Procedures	10
5	UNFINISHED BUSINESS.	10
6	NEW BUSINESS	10
6.1	Publication Policy regarding Author Benefits.	10
6.2	Items not on the agenda	11
7	ANNOUNCEMENTS, INFORMATION, AND RECORD.	11
7.1	Future Meetings	11
7.2	Informal Reports and Discussion	11
7.2.1	Operational Planning	12
7.2.2	Report on Washington Office	12
7.2.3	Committee to Review Member Publications.	12
7.2.4	Shafarevitch Letter.	12
8	ADJOURNMENT.	12
A	Attachments	13
A.1	Committee on Research in Undergraduate Mathematics Education	13

0 Call to Order and Introductions.

0.1 Call to Order.

A complete list of the Council was attached to the agenda. It was noted that Lance Small was the Associate Secretary with vote and that Wendel Fleming was representing the Mathematical Reviews Editorial Committee as a member of the Council with vote.

Several additions to the agenda were proposed. Reports on the action taken will appear below.

1 MINUTES

1.1 March 92 Council.

The Minutes of the March 92 Council had been distributed by mail. They were approved as submitted.

1.2 Business by Mail: 04 May 1992

The minute of this business by mail attached to the agenda was approved.

1.3 Business by Mail: 18 June 1992

The minute of this business by mail attached to the agenda was approved.

1.4 May 1992 Executive Committee and Board of Trustees (ECBT).

The minutes of the May 1992 meeting of the Executive Committee and Board of Trustees were mailed to members of the Council on 04 August 1992. They are officially part of the records of the Council and are considered as attached to the minutes of the Council. Several of the items in these agenda refer to items and attachments from these ECBT Minutes and will not be included in this document.

2 CONSENT AGENDA.

Items appearing on the Consent Agenda will be considered approved unless brought to the floor for discussion. In which case they must be approved in the usual manner.¹

2.1 Resolutions

2.1.1 Judith Sunley, NSF

The resolution below was approved.

¹An item in the Consent Agenda is considered approved unless the Council agrees to discussion of the item. (Items on the Consent Agenda for the Executive Committee may be brought to the floor for discussion by two members of the committee.) According to Sturgis *Standard Code of Parliamentary Procedure*, which governs meetings of the Council, "Any member has a right to remove any item from the consent agenda so that it may be considered and voted on separately. The remaining items are then unanimously approved *en bloc* without discussion"

To Dr. Judith S. Sunley:

The Council of the American Mathematical Society sends congratulations on the occasion of your promotion to the position of Executive Officer, Mathematical and Physical Sciences, at the National Science Foundation. The Council thanks you for your exemplary and effective service as Director of Division of Mathematical Sciences and looks forward to continued cooperation with you in serving the mathematical community.

2.2 Discharge Committees.

2.2.1 *ad hoc* Committee on CAFTES and COPE

This committee was discharged with thanks.

2.2.2 *ad hoc* Coordinating Committee for Doctoral Program in Mathematics

This committee was discharged with thanks.

2.2.3 *ad hoc* Committee on Applications of Mathematics.

This committee was discharged with thanks.

2.2.4 AMS-LMS Program Committee.

This committee was discharged with thanks.

2.2.5 *ad hoc* Committee on Cooperation with Latin American Mathematicians.

This committee was discharged with thanks.

2.2.6 *ad hoc* Committee to Study Relations with Soviet Mathematicians.

This committee was discharged with thanks.

2.2.7 Subcommittee on Appointments of the Committee on National Awards and Public Representation.

The consent motion to discharge this committee was moved to discussion and then tabled.

2.2.8 Committee on Academic Review.

The consent motion to discharge this committee was moved to discussion and then tabled.

2.3 Revise Charge to Committee on Summer Institutes and Special Symposia.

The charge to the Committee on Summer Institutes and Special Symposia was changed from

To recommend the topic and the organizing committee for a symposium in pure mathematics for a spring meeting in alternate years.

to

To recommend the topic and the organizing committee for a symposium in research mathematics for a spring meeting in alternate years.

2.4 AMS-DMV Liaison Committee.

The motion to change the name (and the charge) of this committee to the **Joint AMS-DMV Program Committee** was approved.

2.5 Investments in Companies Conducting Business in South Africa.

In 1986, the Board of Trustees adopted a policy of keeping AMS investment portfolios free of companies doing business in South Africa. The consent motion to rescind this policy was moved to discussion and then tabled on a vote of twelve (12) in favor of tabling and six (6) opposed.

3 REPORTS OF BOARDS AND STANDING COMMITTEES.**3.1 Editorial Boards Committee (EBC). [EXECUTIVE SESSION]**

The Editorial Boards Committee recommended appointments of several editors. These appointments were considered in Executive Session and are as follows:

3.2 Mathematics of Computation

The recommendation that Walter Gautschi and Lars B. Wahlbin be reappointed as editors of *Mathematics of Computation* was approved.

3.2.1 American Journal of Mathematics

The EBC, in a report to the Council, recommended severance of the relation between the Journal and the AMS. The Council requested that the EBC review its recommendation and asked for further review.

During the Executive Session, it was moved, seconded, and passed (by the required two-thirds majority) to bring additional EBC recommendations to the floor.

3.2.2 Journal of the American Mathematical Society

Richard Melrose resigned early from the Journal of the American Mathematical Society Editorial Committee. The EBC recommended a replacement (with an alternate). The recommendation was approved. [Note: When the appointment has been made, this minute will be updated.]

3.2.3 Proceedings of the AMS: Page allocation

A request by the Proceedings Editorial Committee to increase temporarily the page allocation for the PAMS was supported by the EBC and endorsed by the Council.

3.2.4 History of Mathematics

The EBC recommended enlarging the Committee on the History of Mathematics to four members. This was approved by the Council.

3.3 Nominating Committee.

The Nominating Committee nominated members for election by the Council to the Notices Editorial Committee and the Committee to Monitor Problems in Communication. These nominations were considered in executive session.

3.3.1 Notices Editorial Committee.

The Nominating Committee nominated Sheldon Axler of Michigan State University, Susan Friedlander of the University of Illinois Chicago, and Carl Riehm of McMaster University for election to four year terms as members of the Notices Editorial Committee (NEC). This slate was approved by the Council. Continuing members of the committee are Amassa Fauntleroy, Carolyn Gordon, and Ridgway Scott. The Secretary is the chair of the committee and the Managing Editor, John Bradley, is a member of the committee.

3.3.2 Committee to Monitor Problems in Communication.

The Council elects two members each year to this committee upon recommendation by the Nominating Committee. The Nominating Committee nominated Efraim Armendariz of the University of Texas, Austin, and Judy Green of Marymount University for election to three year terms on the committee. These nominations were approved by the Council. Continuing members of the committee (with term) are: William Abikoff (1993), James H. Curry (1994), William Jaco (*ex officio*), Brian Marcus (1994), and Diane Meuser (1993).

3.3.3 Committee on Professional Ethics.[EXECUTIVE SESSION]

The Committee on Professional Ethics presented a report, filed is filed in the AMS Committee Report Book for 1992, Report No. 920724-01 and considered in Executive Session, concerning a charge brought to the committee. The Council requested that a special committee be appointed to gather facts, review the findings of the Committee on Professional Ethics, and to investigate the merits of the case. This special committee is requested to report back to the Council. [The special committee has been appointed. It consists of Chandler Davis, chair, Frank Quinn, and Lee Moser (Rutgers).]

3.4 Executive Committee and Board of Trustees (ECBT).

3.4.1 Dues.

According to the Bylaws, dues and privileges of membership of the various categories of members shall be determined by the Council in consultation with the Board of Trustees.

Institutional Associate. The affiliation of Institutional Associate is limited to organizations in North America that are not eligible for Institutional Membership and wish to contribute less than the \$2,000 per year required from Corporate Members. At the present time, the privileges granted to this group are:

- Entitled to elect two nominees for membership.
- Entitled to the normal 20% discount (one discount per title, and the books and journals purchased at discounted prices are not for resale).

The Council agreed with the ECBT to adding the following privileges for Institutional Associate:

- 5% discount on mailing lists rented from the Society.
- 5% discount on space ads placed in Society publications.

Corporate Membership. The Council concurred with the ECBT by adopting dues of \$2,500 (\$3,500 with copyright privilege) and privileges for Corporate Membership as follows.

1. One complimentary mailing list per year.
2. Complimentary subscriptions to NOTICES.
3. Complimentary subscriptions to ABSTRACTS.
4. Complimentary COMBINED MEMBERSHIP LISTS.
5. Complimentary MATHEMATICAL SCIENCES PROFESSIONAL DIRECTORIES.
6. Complimentary Corporate Representative (like nominee) memberships.
7. Employees may register for AMS meetings at member rates.
8. 10% discount on advertising.
9. 10% discount on AMS publications (books, journals - only one copy per title at corporate member rate).
10. Complimentary listings in EIMS.
11. Complimentary use of the Employment Register.
12. Complimentary electronic position listings through the Employment Section of e-MATH (an electronic clearinghouse for the global mathematics community).

6.24 Category-S Membership for 1994. The Council concurred with the ECBT recommendation that dues for Category-S Membership be \$16 per year but that these members have a choice of receiving either the NOTICES or the BULLETIN (but not both).

3.4.2 Postdoctoral Program (Item 6.17 of 92.05 ECBT Minutes).

The Council moved this item to discussion. It passed a resolution that the Council **“urges support for this program and recommends that the Committee on Science Policy moves this along and brings back a concrete recommendation to the January 93 Council.”**

3.4.3 Resource Analysis for Excellence in Academic Mathematical Sciences Departments.

The Council approved the proposal to appoint a task force on resource analysis and asked for a preliminary report to the January 1994 Council and a final report to the Spring 1994 Council.

3.4.4 Committee on Research in Undergraduate Mathematical Education (CRUME).

The Council agreed that the Committee on Research in Undergraduate Mathematics should become a standing, joint AMS-MAA Committee with charge as in Attachment A.1.

3.4.5 High School Lecture Series.

The Council agreed to establish a standing Committee on the High School Lecture Series with the following charge:

- 1. The High School Lecture Series be established as an annual series (held at at most two sites each year in the spring possibly in conjunction with Mathematics Awareness Week). This involves a financial commitment of approximately \$15,500 (with no videotaping), which will come from AMS General Funds if outside funding is not available.**
- 2. A Selection Committee be appointed to recommend sites and select speakers. The staff and logistical support will be provided by the Meetings staff, and the Director of Meetings will serve as staff liaison to the Selection Committee.**

3.5 International Representation on Editorial Committees (Item 5.4 of May 92 ECBT).

The May 92 EC voted to recommend that the Council instruct the Editorial Boards Committee to include, where feasible, international members on editorial committees. The Council the following resolution:

The Council encourages the Editorial Boards Committee to include, where desirable, international members on editorial committees.

3.5.1 Nomination of Officers.

While sitting in closed executive session the Council agreed to the ECBT recommendation to reappoint Peterson to a two year term as Treasurer and Fossum to a two year term as Secretary. Both terms begin on 01 February 1993. The Council requested that the ECBT Nominating Committee, when making such recommendations in the future, should provide the Council with a review of the performance of the individuals it recommends for reappointment. [Peterson and Fossum were not present during discussion on this item.]

3.6 Report from AMS Representative to Canadian Mathematical Society.

Vice-President Davis, the official representative from the AMS to the CMS, has submitted a report which is filed in the AMS Committee Report Book for 1992, Report No. 920615-01.

4 REPORTS OF SPECIAL (*ad hoc*) COMMITTEES.

4.1 Committee on Committees subcommittee on Restructuring.

The Committee on Committees subcommittee on Restructuring presented the Council with a preliminary draft of a report for discussion.

4.2 *ad hoc* Committee on Nomination Procedures.

The *ad hoc* Committee on Nomination Procedures submitted a report which is filed in AMS Committee Report Book for 1992, Report No. 920618-01. The Council accepted the report.

5 UNFINISHED BUSINESS.

There was no unfinished business.

6 NEW BUSINESS

6.1 Publication Policy regarding Author Benefits.

Council members Cox, Fossum, Keen, and Lieb submitted the following resolution for consideration by the Council:

It is the sense of the Council, other resolutions of the Council and the ECBT not withstanding, that the AMS publications policy and practice should be, in all cases, to strive to be author friendly. Everything possible should be done, within reason, to create an atmosphere that encourages authors to submit material to the AMS for publication. As an example, every author should receive a complimentary copy of every book that the AMS publishes with that author's contribution, including second and further editions, translations, etc. This should not be interpreted to mean a diminishing of other benefits (free reprints, etc.) now in place. Furthermore it should be the

policy of AMS to allow authors to retain copyright (if they wish) in their work and in the image of their work, provided they assign to AMS the right to publish and the right to permit others (with or without payment of fees to AMS) to republish or translate the work.

The resolution was amended by the authors, replacing “other” in the first sentence by “previous”. An amendment to replace the word “copyright” in the last sentence by the words “fair use” was made, seconded, but failed.

An amendment to substitute for the resolution a motion encouraging author friendliness and to appoint a committee to report to the Council on the issue of the resolution was made, seconded, but failed.

The resolution was divided into two parts, the first part being those words up to but not including the word “Furthermore” and the second part the remaining portion of the resolution.

The Council then passed both parts of the resolution. In addition, the Council requested that staff produce a report, due by the January 1993 Council meeting, discussing what the implications of this resolution on copyright retention by authors would have for the Society

6.2 **Items not on the agenda**

Several items, not on the agenda, were proposed but failed to receive the required two-thirds vote of members present.

7 **ANNOUNCEMENTS, INFORMATION, AND RECORD.**

7.1 **Future meetings of the Council, Agenda and Budget Committee (ABC), and Executive Committee and Board of Trustees (ECBT).**

Deadlines for receipt of material for the Council agenda are approximately five (5) weeks before the date of the meeting. Agenda items should be submitted to the Secretary.

ECBT		20-22	November	1992	Providence,	RI
Council	2:00 pm	12	January	1993	San Antonio	TX
Council	7:00 pm	10	April	1993	Salt Lake City	UT
Council	2:00 pm	13	August	1993	Vancouver	BC

Note that the meeting of the Council in April 1993, which had previously been scheduled for Thursday, 08 April, is now scheduled for Saturday, 10 April 1993. Dinner will be served at about 5:30 pm on Saturday.

The Joint AMS-CMS-MAA Meeting in Vancouver, BC is scheduled to begin on Sunday, 15 August 1993. In accordance with an unwritten policy not to meet on the Sabbath, the Council meeting is scheduled for Friday, 13 August 1993; two days before the meeting begins.

7.2 **Informal Reports and Discussion**

The Council received informal reports and discussed several items.

7.2.1 Operational Planning

The AMS is in the midst of establishing operational plans in order to implement the long range plans adopted by the Strategic Planning Task Force and the Long Range Planning Committee. See page 597 ff. of the July/August 1992 *Notices* for information concerning the operational planning that is under way.

7.2.2 Report on Washington Office

The Washington Office of the AMS was officially opened on 01 August 1992.

7.2.3 Committee to Review Member Publications.

Hugo Rossi is chair of an *ad hoc* Committee to Review Member Publications. Rossi will provide an update on the status of this review.

7.2.4 Shafarevitch Letter.

The Council discussed the letter from the National Academy of Sciences to Shafarevitch and other related matters.

8 ADJOURNMENT.

The Council adjourned at 11:47 pm on the same day it began.

Respectfully Submitted

Robert M. Fossum
Secretary

March 10, 1999

A Attachments

A.1 Committee on Research in Undergraduate Mathematics Education

Date: 12 Aug 1992 11:26:08 -0500 (EST)

From: James Leitzel <jleitzel@maa.maa.org>

Subject: Response to your request for information (E-mail of 7/26/92)

Bus:

This message responds to your request (e-mail message 7/26/92) for additional thoughts regarding the formation of a joint AMS/MAA Committee on Research in Undergraduate Mathematics Education (CRUME). In that note, you asked for thoughts on a charge to such a joint CRUME, membership composition and terms of service, selection of the chair, meeting and reporting expectations, and any financial needs.

This response comes from me as still serving in the role of Project Director of the November 1991 Conference where the recommendation was made. The remarks given below have been developed in close consultation with Ed Dubinsky, chair of MAA's ad hoc Committee on Research in Undergraduate Mathematics Education, and the MAA Committee on Committees. These remarks reflect current thinking. Once the decision is made by both MAA and AMS to proceed with the actual formation of such a joint CRUME, the final details will need to be addressed by the appropriate groups in both MAA and AMS. I would assume at that stage that those issues would be coordinated by the secretaries, Jerry Alexanderson (MAA) and Bob Fossum (AMS).

Let me address each of the items in order:

CHARGE: The committee will work to foster development of, and bring before the members of the professional organizations information regarding, activity in the field of research in undergraduate mathematics education. The committee will arrange for program components (presentations, contributed papers, special sessions, etc.) at sectional, regional, and national meetings; serve in a consultative role for publications of the organizations in the field of research in undergraduate mathematics education; promote collaboration among the various communities concerned with research in this field and utilizing its results; and monitor the progress of the implementation of the recommendations contained in the conference report, Communicating Among

Communities.

MEMBERSHIP: The committee would have between ten (10) and fourteen (14) members, distributed and appointed roughly as follows:

4 or 5 members appointed by MAA
4 or 5 members appointed by AMS
1 or 2 members appointed by NCTM
1 or 2 members appointed by AMATYC

Each member of the committee shall serve for a three-year term, with renewal for one additional term possible. The initial membership would be appointed for staggered terms so that a reasonable pattern of reappointments is established. We suggest that the committee will have two co-chairs, one appointed by AMS and one appointed by MAA, from the committee membership.

REPORTING: As a Joint Committee of the AMS and MAA, the committee would report to the leadership through the procedures in effect in each of the organizations. The representatives of NCTM and AMATYC would report to their organizations as appropriate.

MEETINGS: The committee would normally meet in conjunction with the Joint Mathematics Meetings at times agreed upon in advance. In the interim between such scheduled meetings, committee activities would be conducted through electronic mail, surface mail, or telephone contact. In circumstances where the committee is involved in special projects which have received external funding, additional meetings of the committee may be scheduled and expenses of the members paid through the grant allocation.

At present, we do not foresee any special funding required for the establishment of the joint committee.

I hope this provides the needed information for discussion by the AMS Committee on Education and encourages their making a favorable recommendation. Please let me know if there is anything more that can be provided. Both Ed and I would be interested in knowing the outcome of the

discussions.

Cordially,

Jim Leitzel

cc: MAA Committee on Committees, Ed Dubinsky, chair, MAA ad
hoc CRUME