

Sixth Annual Report of MAA Sections  
Year Ending May 15, 1983

Name of Section: IOWA

Name and Address of Section Secretary preparing this report: E. James Peake,

Dept. of Mathematics, Iowa State University, Ames, Iowa 50011

Name and Address of Section Representative who is to receive travel subsidy for

Albany meeting: Dr. Lynn J. Olson, Math and Computer Science Department, Wartburg College,  
Waverly, Iowa

Section Office held by Representative Chairperson

### I. MEETINGS

(1) For each regular Section meeting held during the year please give:

Date(s) April 22-23

Location(s) Iowa State University, Ames

Approx. Attendance 83

(2) Please describe any particular highlights or novel features of this year's meetings, and give some indication of their success. (If more space is needed for your response to this or other items, please continue on reverse side.)

Seven students were involved in the presentation of five papers in response to a request for student papers in connection with the inducement of free memberships in the MAA. This was the largest number of such papers and participants in recent years.

(3) If your Section had any special meetings, please give date, location, purpose, and accomplishments of each such meeting. (Report workshops, short courses, etc. under III below.)

### II. NEWSLETTER

(1) Does your Section publish a newsletter? No If so, how many times did it appear this year?

(2) If the answer to (1) is "Yes," please give the editor's name and address:

\_\_\_\_\_  
\_\_\_\_\_

(3) Does your newsletter take care of all regular communications within the Section? No If not, how many other general mailings were necessary during the year? 2

III. SECTION ACTIVITIES

(1) Does your Section sponsor a Visiting Lecturer program for secondary schools in the region? No If so, approximately how many visits were made this year? \_\_\_\_\_

(2) Does the Section sponsor a Visiting Lecturer program for colleges in the region? No If so, approximately how many visits were made this year? \_\_\_\_\_

(3) Is the Section involved in other educational programs or activities, either alone or in cooperation with other organizations? No If so, please describe: (If you have pertinent printed material such as publicity brochures, please attach copies.)

IV. FINANCES

(1) Do you charge a registration fee at Section meetings? Yes If so, how much for regular members? \$2.00  
For students? \$2.00

(2) Does your Section assess annual dues? No If so, how much? \_\_\_\_\_

(3) Is the income adequate to meet the expenses of the present level of activities of the Section? Yes

(4) If the answer to (3) is "No," what steps are being taken by the Section to solve the problem? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(5) Are there specific activities you have wanted to undertake but have delayed or curtailed for financial reasons? No Please specify:

- (6) Did your Section apply this year for a grant from the MAA's Fund for Aid to Sections? No Was the grant application approved? \_\_\_\_\_  
If so, for what was the grant money used? \_\_\_\_\_
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#### V. STRENGTHS AND WEAKNESSES

- (1) On the basis of your Section's recent activities and present condition, what would you say have been its strongest features or most significant activities this year?

The quality of the annual meeting program produced in connection with the Iowa Section of SIAM which attracted the largest attendance in several years despite meeting opposite the Iowa Academy of Science.

- (2) What do you consider to be the weakest features or most serious problems facing your Section at this time?

A lack of other activities.

- (3) Please characterize as Good, Fair, or Poor the extent of participation in Section activity this year by your members who are in

Ph.D.-granting institutions Good Two-year colleges: Poor

Other colleges/universities Good Non-academic employ: Poor

- VI. Did your Section make any effort this year to include undergraduates on the program at a Section meeting? Yes If so, please give details (e.g. number of student papers, description of special activities for the undergraduates, etc.):

See I.2

- VII. Does your Section assign a person or committee specific responsibility

for membership recruitment? No If so, give the name, address, and title (membership chairman, 2nd VP, or whatever) of the individual with primary responsibility in this area: \_\_\_\_\_

VIII. Do you and your Section Chairman have in your possession the blue Handbook for Section Officers? Yes

IX. MAA program committees are constantly on the lookout for superior speakers. Were there any outstanding persons on your program this year whom you recommend for invitations to speak at national or Sectional meetings? Yes If so, please give the name and affiliation of each such person, together with titles of talks and other pertinent information. (Responses to this item will be made available to program committees on request.)

- Paul Blanchard, Boston University, "Dynamics on the Riemann Sphere".
- Leonard Gillman, University of Texas, "Classroom Notes".
- Leslie Hogben, Iowa State University, "A Matrix Calculator for Classroom Use".

X. The primary job of this committee is to help Sections maintain and increase their effectiveness. Are there things you think we might do which would be of help to your or other Sections? Please be as specific as possible, both in identifying problem areas and in suggesting how we might help.

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*                               MAIL TO: *
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*                               Dr. S. W. Hahn *
*                               Department of Mathematics *
*                               Wittenberg University *
*                               Springfield, Ohio 45501 *
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*                               by May 21, 1983, please. Thanks! *
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