

MATHEMATICAL ASSOCIATION OF AMERICA, INC.
ABSTRACT OF PAPER

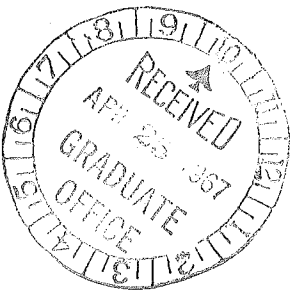
Panel Discussion:
Title of ~~paper~~ "Problems in the first
two years of college mathematics
teaching."

Time 40 minutes.

Name of Author: see below

Institution:

Address:



Member of Mathematical Association
of America: Yes No

Panelists:
--Rev. John C. Friedell
(Chairman)
Loras College, Dubuque, Iowa

--Mr. David Q. Porter
Muscatine Community College
Muscatine, Iowa

--Prof. Thomas M. Price
University of Iowa
Iowa City, Iowa

Panel

ABSTRACT

The abstract should be in the form of a brief and concise statement of the main results or points of view of the paper, without demonstrations and with a minimum of formulae. It should not exceed 100 words and should be compressed if possible into a single paragraph. It should be written in the third person. The abstract should be typewritten and in a form suitable for immediate publication in the MONTHLY.

The main problems at the Chairman's college is the varied background and abilities that potential mathematics and science majors bring from high school. All register for the same course as Freshmen, and several weeks of pre-Calculus material are given, including tests; those to begin Calculus immediately are selected, based on all information available. The rest take one or two semesters of preparatory material before beginning Calculus. Mr. Porter asked that larger institutions help the Junior College departments while allowing them to maintain their independence and identity. It is very helpful if the larger universities send back the grades earned by transfer students. Prof. Price agreed that counselling the transfer student about the proper courses to take is of the utmost importance. Articulation concerning Calculus courses is needed. Several of those attending offered suggestions about these problems in the discussion that ensued.