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.

During the summer of 1968, 24 Iowa teachers attended an NSF sponsored Conference in Computer Science. As a consequence of the Conference, approximately 20 junior and senior high schools in Iowa are presently developing computer extended mathematics courses. Programs are produced on mark sensed cards and run at The University of Iowa's computer center. The programming language being used is FORTRAN IV with WATFOR which has provisions for free (unformated) input/output. The goal of the program is to improve instruction in mathematics - not to make sophisticated programmers out of high school students.

MATHEMATICAL ASSOCIATION OF AMERICA, INC.

ABSTRACT OF PAPER

Title of Paper: _The University of Purdue_
NSF conference in computer
science for secondary teachers

Time: _20_ minutes.

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