

CONCURRENT SESSIONS

Room B

- 2:30 Geometrical Diffraction theory; A. K. Gautesen, Iowa State University
- 3:00 Integration on Spheres; K. E. Atkinson, State University of Iowa
- 3:30 Identifying Comparitively Excessive Sentences of Death: A quantitative approach; G. Woodworth, State University of Iowa
- 4:00 The dynamics of Electoral competition: a preliminary analysis; A. F. Kleiner, and W. P. Collins, Drake University
- 4:30 A statistical analysis of the effect of car inspection and maintenance programs on Ambient CO concentrations; J. Ledolter, State University of Iowa

Room D

- 2:30 Panel: Redesigning the undergraduate curriculum in the Mathematical Sciences: the impact of computers. Moderator: William Waltman, Wartburg College
- 3:30 Terminal Skunk; I. R. Hentzel, Iowa State University
- 4:00 Enumeration in Music Theory; D. L. Reiner, Grinnell College
- 4:30 Genetic polymorphism in varying environments; J. Cornette, Iowa State University

JOINT MEETINGS
of the
IOWA SECTIONS
of
MATHEMATICAL ASSOCIATION OF AMERICA
AMERICAL STATISTICAL ASSOCIATION
SOCIETY FOR INDUSTRIAL
AND APPLIED MATHEMATICS

COE COLLEGE

APRIL 24-25, 1981

OPENING SESSION

Friday, April 24 Room D, Union

- 1:30 Registration
- 2:00 Using the Study of Consciousness in Mathematics Classroom;
C. G. Wadsworth, Maharishi International University
- 2:30 Ancient Mathematical Models of Celestial Motion; J. C. Mathews
Iowa State University
- 3:00 Break
- 3:15 A Model for the Flow of Surfactants on the Interface of
Forming Droplets; H. A. Levine, Iowa State University
- 3:45 Teaching Operations Research at the undergraduate level and
use of UMAP materials; A. M. Fink, Iowa State University
- 4:15 Survey results: Responses of a questionnaire from Mathematics
Faculty of the liberal arts colleges in Iowa; D. V. Meyer,
Iowa State University
- 4:45 Governor's report

- 7:30 (Tentative) MAA Film show; 105 Hickok

SECOND SESSION

Saturday, April 25 Room D, Union

- 8:00 Coffee and donuts
- 8:30 Robust Statistical Methods; R. V. Hogg, State University of
Iowa
- 9:30 Some Algorithmically Defined Functions; R. D. Anderson,
Louisiana State University and President of MAA.
- 10:30 Break
- 10:45 An Asymptotic Stochastic View of Split-second Hesitation;
J. C. Kegley, Iowa State University
- 11:20 Business meetings

THIRD SESSION

Saturday, April 25 Room D, Union

- 1:30 On "optimal" reconstruction algorithms in computed tomo-
graphy; W. R. Madych, Iowa State University