



March Meeting of the Missouri Section

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MARCH MEETING OF THE MISSOURI SECTION

The Missouri Section of the MAA held its Spring meeting on the Kansas City Campus of the University of Missouri on March 30 and 31, 1979. There were 73 persons in attendance. Featured speakers were Professor Leonard Gillman, treasurer of the MAA, who spoke on *The Dog with the Cooked Head*, Professor Walter Mientka of the University of Nebraska who spoke on *Elementary Steve Methods and Arithmetic Problems in the Theory of Numbers*, and Tam Lonigan, a Fellow of the Actuary Society associated with Meidinger and Associates of Kansas City who spoke on *Insights in the Actuarial Profession*.

Section Chairman Yudell L. Luke presided over the business meeting. The Section voted to start a Section Newsletter with Elizabeth Bermann, University of Missouri-Kansas City, as editor. The Putman Award *Studies in Real and Complex Analysis* edited by I. I. Hirschman, Jr. was awarded to Phillip Harrington of Washington University.

Section Officers for academic year 1979-80 are: Mike Z. Williams, Westminster College, Chairperson; Merry McDonald, Northwest Missouri State University, Chairperson Elect; Yudell L. Luke, University of Missouri-Kansas City, Past Chairperson; John D. Kubicek, Southwest Missouri State University, Secretary-Treasurer. Also, Leonard Palmer, Southeast Missouri State University, serves as chairman of the High School Lecture Program and Al Tinsley, Central Missouri State University, serves as chairman of the MAA High School Mathematics Competition.

The program for the meeting also included meetings for the MAA Departmental Representatives and for Mathematics Department chairperson. A tour of Linda Hall Library followed the meetings.

The following contributed papers completed the program:

The Circle of Apollonius and Some Packaging Problems, M. Ahuja, Southeast Missouri State University

How Children Learn Fractions; Part-group, Part-whole Models, G. Austin-Martin, Stephens College

Physical Exercises for Signed Numbers, E. Berman, University of Missouri-Kansas City

Analytic Interpretation for Finite Geometries, R. L. Boehning, Missouri Southern State College

Math Confidence and Performance as a Function of Individual Differences in Math Aptitude, M. Bowling, Stephens College

An Elementary Proof of a Theorem Concerning the Order p of a Linear k -step Method, C. Cooper, Central Missouri State University

Operators in a Partially Ordered Linear Algebra, E. Davenport, Central Missouri State University

Young Children's Spatial Concepts, T. Goodman, Central Missouri State University

Sex Differences in Mathematics Achievement; Implications for Careers for Women, M. Gulliver, Stephens College

A Banach Type Fixed Point Theorem, T. Hicks, University of Missouri-Rolla

Digital Sums, Niven Numbers and Natural Density, R. Kennedy, Central Missouri State University

A Math Lab for Developmental Students, F. Mangan, St. Louis Community College at Meramec

Some Observations on the Dragon Curve and Related Rations, J. Mathis, William Jewell College

Overcoming Math Avoidance, C. Stuth, Stephens College

On a Class of Saks Spaces, P. K. Subramanian, Missouri Southern State College

JOHN D. KUBICEK, *Secretary-Treasurer*