LECTURERS AND TOPICS

Asterisks (*) are used to denote non-academic lecturers. Biographies of these lecturers will be found starting on page 28.

Each title is followed by one or more of the letters E, I, A. These letters are intended to denote:

(a) the level of training necessary to follow the lecture;
(b) the level of sophistication necessary to find the lecture of interest.

The levels are:

E - Elementary: intended for college students who are interested in mathematics, and for educated laymen in the general public. No college level training in mathematics is assumed.

I - Intermediate: intended for students who have completed a year of calculus or other mathematics at a similar level.

A - Advanced: intended for junior and senior mathematics majors.

The presence of more than one letter indicates that the lecturer is prepared to present the topic at any one of the levels indicated.

LIDA K. BARRETT - Professor of Mathematics
University of Tennessee
Applied Mathematics or Applicable Mathematics? - E
Women Mathematicians, Past and Present - E
A Metallurgical Application of Topology: An Elementary Introduction to Algebraic Topology - IA
The Role of Definition in Mathematics (Elementary) - E
Topology: An Introduction to this Area for Elementary Calculus Students - E

LIDA K. BARRETT Associate Provost NIU

Professor of Mathematics and ~~Department Head at the University of Tennessee~~. She received her Ph.D. from the University of Pennsylvania, Philadelphia in 1954. She has taught at the Texas State College for Women (now Texas Women's University), and at the Universities of Connecticut, Utah, and Wisconsin. Additionally, she has been employed as a mathematician by Schlumberger Well Surveying Corporation and by the Defense Research Laboratory of the University of Texas. Her major field is topology. Additionally, she is interested in applied mathematics, having served as a consultant at the Oak Ridge National Laboratory from 1964 to 1975. She is a member of the American Mathematical Society, Mathematical Association of America and SIAM. She currently chairs the Committee on Employment and Education Policy of the AMS. She is a member of the Executive & Finance Committee of the MAA.

DENNISON R. BROWN

Professor of Mathematics and former Departmental Director of Graduate Studies at the University of Houston (Texas). He received his Ph.D. from Louisiana State University, Baton Rouge, and has taught there as well as at LSU, New Orleans, and the University of Tennessee. His major fields of interest are in topology and topological algebra, particularly semigroups.