

SYMPOSIUM '78 DESCRIPTION

From July 19 to July 23, 1978 the first Summer Symposium in Real Analysis was held at Western Illinois University. Professor Emeritus Casper Goffman of Purdue University was the principal speaker at the conference giving eight lectures on the functions important to theory of surface area. In addition to Professor Goffman's lectures, twenty minute contributed papers were given by seven of the participants. This issue of the Exchange contains the proceedings of this symposium; Professor Goffman's lectures have been written into the Topical Survey article, and abstracts of six of the seven contributed papers appear in the Inroads section. An abstract of the seventh contributed paper, *Conditions implying the summability of approximate derivatives*, by Richard Fleissner and Richard O'Malley appeared in the Volume 3 No. 1 Inroads section of the Exchange. Those participating in the symposium were C. Belna, J. Brown, J. Burlak, P. Colwell, M. Evans, R. Fleissner, J. Foran, C. Goffman, W. Gorman, C. Gupta, P. Humke, J. Johnson, C. M. Lee, J. Lee, J. Marik, T. Nishiura, R. O'Malley, S. Seltzer, D. Solomon, I. Solomon, W. Spragens, D. Waterman, and C. Weil. The symposium program has been reprinted on the following page.

SYMPOSIUM IN REAL ANALYSIS:
BOUNDED VARIATION AND ABSOLUTE CONTINUITY
IN FOURIER SERIES AND SURFACE AREA THEORY

July 19-23, 1978
Western Illinois University

Principal Lecturer: Casper Goffman

PROGRAM

(All talks are scheduled for Room 217 in Stipes Hall.)

Wednesday, July 19

- 8:00 p.m. Welcome and Goffman Lecture No. 1
- 9:30 p.m. Informal Reception at Mike Evans' house.

Thursday, July 20

- 9:00 a.m. Goffman Lecture No. 2
- 10:30 a.m. C. E. Weil, Michigan State University,
Iterated L_p Derivatives.
- 1:30 p.m. Goffman Lecture No. 3
- 3:00 p.m. R. J. O'Malley, University of Wisconsin -
Milwaukee
*Conditions Implying the Summability of
Approximate Derivatives.*
- 7:30 p.m. Informal Reception at Richard Fleissner's
house.

Friday, July 21

- 9:00 a.m. Goffman Lecture No. 4
- 10:30 a.m. J. Marik, Michigan State University
On a class of Orthogonal Series.
- 1:30 p.m. Goffman Lecture No. 5
- 3:00 p.m. T. Nishiura, Wayne State University,
*Some Examples Relating Surface Area
and the Area Integral.*

Saturday, July 22

- 9:00 a.m. Goffman Lecture No. 6
- 10:30 a.m. C.-M. Lee, University of Wisconsin -
Milwaukee
*On Integrals and Summable Trigonometric
Series.*
- 11:00 a.m. D. Waterman, Syracuse University
Some Problems on Λ -Bounded Variation.
- 1:30 p.m. Goffman Lecture No. 7
- 3:00 p.m. J. L. Johnson, University of Wisconsin -
Milwaukee
*The Uniform Continuity of Certain
Translation Semigroups.*
- 6:00 p.m. Appreciation Dinner in Honor of Professor
Goffman at Hotel Nauvoo, Nauvoo, Illinois.

Sunday, July 23

- 10:00 a.m. Goffman Lecture No. 8