SUMMER SYMPOSIUM IN REAL ANALYSIS

The second Summer Symposium in Real Analysis was held August 16
to 18, 1979 at the University of Wisconsin-Milwaukee. Professor Andrew
Bruckner of the University of California-Santa Barbara was the principal
speaker at the conference, giving a series of five lectures on Current
Trends in Differentiation Theory. Also, twenty minute contributed
talks were presented by seven of the participants. This issue of the
Exchange contains the proceedings of this symposium; Professor Bruckner
has written up his lectures into the Topical Survey article and abstracts
of the contributed talks appear in the Inroads section. The symposium
program has been reprinted on the following page.

Participants were J. M. Ash, P. Bender, J. Breutzmann, A. M.
Bruckner, P. Bullen, C. Castillo, R. Cahill, G. V. Cox, G. Cross,
M. J. Evans, H. Fast, R. J. Fleissner, J. Foran, C. Gilbertson, C.
Goffman, W. J. Gorman III, P. D. Humke, J. W. Jerome, J. L. Johnson,
L. M. Larson, C. M. Lee, J. Marik, R. J. Mihalek, T. Nishiura, R. J.
O'Malley, L. E. Snyder, D. W. Solomon, K. K. Tan, B. S. Thomson,
D. Waterman, G. G. Walter, C. E. Weil, D. M. Witt, Jr., A. Zayed.

Program
SUMMER SYMPOSIUM IN REAL ANALYSIS
August 16-18, 1979
University of Wisconsin-Milwaukee

August 16

8:30 a.m.	Registration
9:30 a.m.	Welcoming Ceremonies
10:00 a.m.	A. Bruckner, University of California - Santa Barbara *Differentiation and changes of scale*
11:15 a.m.	J. Foran, University of Missouri - Kansas City *Homeomorphisms which preserve a.e. approximate* *differentiability*
11:45 a.m.	Lunch
1:30 p.m.	C. Goffman, Purdue University *Derivative measures*
2:10 p.m.	A. Bruckner *Monotonicity theorems*
3:20 p.m.	P. Humke, Western Illinois University *Nowhere monotone functions and a problem of K. M. Garg*
6:30 p.m.	Party, Kenwood Conference Center

August 17

9:15 a.m.	J. Mařík, Michigan State University *Generalized Derivatives*
10:00 a.m.	A. Bruckner *Differentiation of typical continuous functions*
11:15 a.m.	D. Waterman, Syracuse University *Generalized bounded variation - recent results and* *open questions*
12:00 noon	Lunch
1:30 p.m.	A. Zayed, University of Wisconsin - Milwaukee *Distributional derivatives and Abel summability of* *ultraspherical expansions*
2:10 p.m.	A. Bruckner *The algebra generated by the derivatives*
3:20 p.m.	Problem Session

August 18

9:15 a.m.	H. Fast, Detroit, Michigan *Having small sets as selectors*
10:00 a.m.	A. Bruckner *Open problems*
11:15 a.m.	Problem session