

Auburn University

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Department of Mathematics
218 Parker Hall

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THIRD ANNUAL ONE DAY SEMINAR-MINICONFERENCE IN REAL ANALYSIS

Friday and Saturday, March 28-29, 1986

Parker Hall 248

FRIDAY SCHEDULE:

- 1:00-1:20 P. M., Stewart Baldwin, Auburn Univ., "A situation in which the Sierpinski-Zygmund function does not exist".
- 1:25-1:45 P. M., Jerry Gibson, Columbus College, and Fred Rousch, Ala. State Univ., "Almost continuity and connectivity".
- 1:50-2:10 P. M., Harvey Rosen, U. of Ala. Tuscaloosa, "Compositions which are connectivity functions".
- 2:15-2:35 P. M., Miklos Laczkovich, Etovos Lorand Univ. (Budapest), visiting St. Olaf College, "Sierpinski sets and Fubini's theorem".
- 2:40-3:00 P. M., Paul Humke, Assoc. Ed. REAL ANALYSIS EXCHANGE, St. Olaf College, "Symmetric continuity does not imply continuity virtually everywhere (Konjagin's proof)".
- 3:05-3:25 P. M., Michael J. Evans, Assoc. Ed. REAL ANALYSIS EXCHANGE, N. Carolina State U., "Another typical property of Baire one Darboux functions".
- 3:30-4:10 P. M., Refreshments in Rm. 244.
- 4:10-5:00 P. M., DEPARTMENTAL COLLOQUIUM LECTURE, PKH 250
Andrew Bruckner, U. of Cal. Santa Barbara,
"Total chaos in one-dimensional maps".
(Intended for a general audience).
- 5:30-10:00 P. M., (BYOB) Departmental party at Jack Brown's.
1036 Terrace Acres.

SATURDAY SCHEDULE:

9:00-9:25 A. M., Coffee and Doughnuts.

9:30-10:30 A. M., COLLOQUIUM TALK by Prof. James Baumgartner, Dartmouth Coll., in connection with the Southeastern Set Theory Seminar, "Recent progress in combinatorial set theory".

10:35-10:55 A. M., Jack Brown, Auburn Univ., "Measurable Darboux functions".

11:00-11:20 A. M., Geraldo DeSouza, Auburn Univ., "A slick proof of inequivalence of L and L ".

11:25-11:45 A. M., David Motte, Auburn Univ., "Positive projections".

11:55-12:15, Gary Sampson, "A 'new' characterization for convolutions which map L into L ".

12:20-??:?? PROBLEM SESSION

PROBLEM SESSION will be held on Bob Grone's deck, 135 Pine Hills Ave. Bob and Pete Johnson are graciously providing a keg of beer for the occasion. Pick up hamburgers or whatever on the way over to Grone's (there are only 134 fast food hamburger joints in Auburn, so you should have no trouble finding one).