

MATHEMATICS

Section Chairman: J. B. Hoffert

Program Chairman: D. F. Bailey

Room \_\_\_\_\_, \_\_\_\_\_ Hall

Friday, 9:00 a.m. - 11:00a.m.

1. Kransnoselski's Theorem on the Real Line  
Donald F. Bailey, Mt. Vernon
2. Rings Whose Ideals Form a Chain  
E. T. Hill, Mt. Vernon
3. Solution of Some Practical Potential Flow Problems by Means  
of Monorthogonal<sup>gonal</sup> Expansions.  
Don Kirkham and M. Sami Selim, Ames
4. Some Applications of the Alternating-Direction Implicit Method  
to Water Infiltration Problems  
H.M. Selim and Don Kirkham, Ames
5. What is Wrong with Current Mathematical Education?  
R.F. Keller, Ames
6. Teaching as an Aid to Research  
D.E. Sanderson, Ames

Friday, 2:00 - 4:30

Invited Lecture: "Consequences of Continuity"

Dr. Ralph P. Boas, ~~Northwestern~~ University

Business Session

Film, "Who Killed Determinants?"