

Mathematics

(Iowa Chapter of the Mathematical Association of America)

Section Chairman: J. B. Hoffert
Program Chairman: D. F. Bailey

Room 216, Science Hall
Friday, 9:00 A.M. - 11:00 A.M.

- 9:00 a.m. 1. Kransnoselski's Theorem on the real line. DONALD F. BAILEY, Mt. Vernon.
- 9:20 a.m. 2. Rings whose ideals form a chain. E. T. HILL, Mt. Vernon.
- 9:40 a.m. 3. Solution of some practical potential flow problems by means of monorthogonal expansions. DON KIRKHAM and M. SAMI SELIM, Ames.
- 10:00 a.m. 4. Some applications of the alternating-direction implicit method to water infiltration problems. H. M. SELIM and DON KIRKHAM, Ames.
- 10:20 a.m. 5. What is wrong with current mathematical education? R. F. KELLER, Ames.
- 10:40 a.m. 6. Teaching as an aid to research. D. E. SANDERSON, Ames.

Friday, 2:00 P.M. - 4:30 P.M.

- 2:00 p.m. *INVITED LECTURE*: "Consequences of Continuity".
Dr. Ralph P. Boas, Northwestern University.
- 3:00 p.m. Business Session
- 3:45 p.m. Film, "Who Killed Determinants?"