

# SYMPOSIUM ON INEQUALITIES IN STATISTICS AND PROBABILITY

October 27–30, 1982

The University of Nebraska-Lincoln  
Lincoln, Nebraska

Sponsored by  
The National Science Foundation  
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The University of Nebraska-Lincoln



## PROGRAM

(Revised October 1982)

WEDNESDAY, OCTOBER 27

- 7:30–  
10:00 a.m. *Registration:* Second floor registration desk, Nebraska Center  
*Late Registration:* Second floor registration desk, Nebraska Center
- 8:35 a.m. *Welcome, Martin A. Massengale*, Chancellor, and *Earl J. Freise*, Assistant Vice Chancellor for Research, University of Nebraska-Lincoln
- 8:50–  
10:20 a.m. *A. Matrix Related Inequalities*  
Chairman: *C.R. Rao*, University of Pittsburgh
- 8:50 A-1. Eigenvalue Inequalities for Random Evolutions, *Joel E. Cohen*, the Rockefeller University
- 9:35 A-2. Some Matrix Inequalities and Applications, *Marshall Freimer* and *Govind S. Mudholkar\**, University of Rochester
- 10:20 a.m. COFFEE
- 10:40–  
12:10 p.m. *B. Multivariate Majorization and Dilations*  
Chairman: *Frank Proschan*, Florida State University
- 10:40 B-1. A Review of Multivariate Majorization, *Samuel Karlin*, Stanford University, and *Yosef Rinott\**, Stanford University and the Hebrew University of Jerusalem
- 11:25 B-2. On Approximate Dilations with Applications to Statistics, *J.H.B. Kemperman*, University of Rochester
- 12:10 p.m. GROUP LUNCH, The Nebraska Room
- 1:40–  
3:10 p.m. *C. Stochastic Optimization and Rearrangement Inequalities*  
Chairman: *F.T. Wright*, University of Missouri-Rolla
- 1:40 C-1. Approximations and Error Bounds in Stochastic Optimization, *Roger J.B. Wets*, University of Kentucky and International Institute for Applied Systems Analysis