

**Thirty-second DOE Conference (1986) – Available from DTIC, Accession Database Number
ADA183752, \$44.60**

Cover

Title

Foreword

Table of Contents

Program

Statistical Analysis for Intercropping Experiments, Walter T. Federer

Scoring Casualties from Field Trials, Carl T. Russell and Marion R. Bryson

*Maximum-Likelihood Estimation of the Parameters of a Four-Parameter Class of Probability
Distributions*, Siegfried H. Lehnigk

On Rotation in Factor Analysis of Atmospheric Parameters, Oskar M. Essenwanger

An Exact Method for One-sided Tolerance Limits in the Presence of Batch-to-Batch Variation, Mark
Vangel

The Distribution of the Number of Empty Cells in a Generalized Random Allocation Scheme, Bernard
Harris, Morris Marden, and C.J. Park

Application of Experimental Design to the Evaluation of Expert Opinion, Franklin E. Womack and Carl
B. Bates

Analysis of Incomplete Block Design with Missing Cells, Wendy A. Winner and Jill Smith

A Heuristic Approach to Post-hoc Comparisons for Significant Interactions – A Simplified Notation,
Eugene Dutoit

Statistical Evaluation of Desert Individual Camouflage Covers (ICC) by Ground Observers, George
Anitole, Ronald L. Johnson, and Christopher J. Neubert

The Combinatorics of Message Filtering, Terence M. Cronin

Use of the P-value and a Q-value in Rejection Criteria, Paul H. Thrasher

Incorporating Fuzzy Set Theory into Statistical Hypothesis Testing, William E. Baker

A Central Limit Theorem for Fuzzy Random Variables, Steven B. Boswell and Malcolm Taylor

An Application of a Fuzzy Random Variable to Vulnerability Modeling, Steven B. Boswell and Malcolm
Taylor

Problems Encountered in Fitting a Large Number of Short Time Series, Franklin E. Womack and
Elizabeth N. Abbe

*Study on the Feasibility of Generating Predictive Analysis Model by Utilizing the Army's Existing Data
Source*, Li Pi Su

Quantile Statistical Data Analysis, Emanuel Parzen

A Comparison of Two Sensitivity Testing Procedures with Implications for Sample Size Determination,
Barry A. Bodt and Henry B. Tingey

Tests for Consistency of Vulnerability Models, David W. Webb

Nonparametric Small Sample Tolerance Limits, Donald M. Neal, Mark G. Vangel, and John Reardon

A Second Look at the Perversity of Missing Points in the 2^4 Design, Carl T. Russell

A Method for the Statistical Analysis of the Stress-Strain Properties of Earth Materials, G.Y. Baladi and
B. Rohani

Some Applications of Bayesian Image Analysis, Stuart Geman

An Algorithm for Diagnosis of System Failure, Robert L. Launer

Individual Versus Group Sampling, Paul A. Roediger and John G. Mardo

Attendees

Report Documentation Page