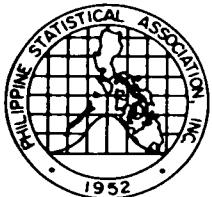


the philippine

STATISTICIAN



1992, Volume 41, Nos. 1-2 & 3-4

CONTENTS

STATISTICAL SCIENCE AND THE ENVIRONMENT

Adolfo M. de Guzman, Arnulfo Supe, Alexander R. de Leon, Dennis S. Mapa
and Josefina Y. Abanilla

SENSITIVITY ANALYSIS IN ALPHA FACTOR ANALYSIS

Zenaida F. Mateo, Yoshimasa Odaka and Yutaka Tanaka

VARIANCE STABILIZING AND NORMALIZING TRANSFORMATIONS FOR FIELD COUNT DAMAGE DATA IN RICE CAUSED BY THE STALK-EYED FLY (SEF), DIOPSIS LONGICORNIS MACQUART (DIPTERA: DIOPSIDAE). M. B. De Ramos, R. C. Joshi, C. J. Angcua and M. A. Ynalvez

A STATISTICAL MODEL FOR RISK ASSESSMENT ON PHILIPPINE VOLCANIC HAZARD

Erniel B. Barrios

THE USE OF PROJECTION IN SEMIPARAMETRIC MODELS

Daniel Isidore Brian C. Bonzo

NATURAL RESOURCES ACCOUNTING AND THE SYSTEM OF NATIONAL ACCOUNTS

Generoso G. de Guzman

FACTOR ANALYSIS: AN ANALYSIS OF VARIABLE INTERDEPENDENCE

Violeta C. Menil

KALMAN FILTER AND ITS APPLICATIONS

Daniel Isidore Brian C. Bonzo

LIST OF MEMBERS