

Contents

	Page
1. Estimation of the Size of a Mobile Population-X —Continuous Counting of Tracks on Boundaries Method (COCOBOM) and the Idea of Buffon's Needle—	CHIKIO HAYASHI, FUMI HAYASHI, JYUZO TOYOSHIMA, MASAHIRO SAITO and YOSHIHARU SHIBATA .. 67
2. Analysis of Amoroso's Income Distribution —Generalized Gamma Distributions and Generalization of Lorenz Curves—	TOKIO TAGUCHI .. 81
3. Lattice Model of the Two-Dimensional Soap Froth	MASAHARU TANEMURA .. 107
4. On Computation Methods for the Discrimination Problem by Hayashi (Quantification Method Type II)	NAOTO NIKI .. 115
5. On a Bayes Decision Procedure for a Selection of a Subpopulation	KAZUO NODA .. 125
6. Note on Unbiased Estimation of the Standard Deviation of Normal Distribution	GIITIRO SUZUKI .. 133

All communications relating to this publication should be addressed to the editors of the Proceedings, the Institute of Statistical Mathematics, 4-6-7, Minami-Azabu, Minato-ku, Tokyo, Japan-106.

Printed by

SASAKI PRINTING & PUBLISHING CO., LTD
Tokyo-Sendai-Morioka-Aomori
JAPAN