

THE ASTIN BULLETIN

INTERNATIONAL JOURNAL FOR
ACTUARIAL STUDIES
IN NON-LIFE INSURANCE AND RISK THEORY

VOL. VI, PART 3



MAY 1972

CONTENTS

In memoriam Allen L. Mayerson, by <i>Charles C. Hewitt, jr.</i> . . .	183
Les mathématiques de l'assurance automobile (Introductory report to subject B. Astin Colloquium at Randers), par <i>P. J. Delaporte</i>	185
The Influence of the franchise on the number of claims in Motor Insurance, by <i>Mogens Muff</i>	191
An approach to the analysis of claims experience in motor liability excess of loss reinsurance, by <i>H. G. Verbeek</i> . . .	195
Quelques observations statistiques sur la variable "nombre de sinistres" en assurance automobile, par <i>P. Thyriion</i> . .	203
Applications to a theory of bonus systems, by <i>S. Vepsäläinen</i>	212
Statistical review of a motor insurance portfolio, by <i>P. D. Johnson and G. B. Hey</i>	222
Some asymptotic properties of bonus systems, by <i>K. Loimaranta</i>	233
Le problème des bénéfices distribuables examiné à la lumière du théorème de M. de Finetti, par <i>J. Adam</i>	246
Correlations between excess of loss reinsurance covers and reinsurance of the n largest claims, by <i>Baruch Berliner</i> . .	260

Editor: H. G. Verbeek, P.O.B. 7846, Amsterdam

All correspondence on editorial matters should be addressed to the Editor.

PRINTED IN THE NETHERLANDS