

# THE ASTIN BULLETIN

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

VOL. VIII, PART 2



SEPTEMBER 1975

## CONTENTS

The Mincing Machine Revisited, by <i>Hans Bühlmann</i> . . .	135
A Note On The Multiplicative Ratemaking Model by <i>B. Ajne</i>	144
A Note On Optimal Reinsurance, by <i>Gunnar Benktander</i> . . .	154
Bayesian Inference in Credibility Theory, by <i>L. D'Hooge</i> and <i>M. J. Goovaerts</i> . . . . .	164
Isotonic Optimization in Tariff Construction, by <i>W. S. Jewell</i>	175
Tariff Theory, by <i>Paavo Pitkänen</i> . . . . .	204
Factors Affecting Fire Loss—Multiple Regression Models with Extreme Values, by <i>G. Ramachandran</i> . . . . .	229
Representations of Claims Arising From A Risk Portfolio, by <i>D. H. Reid</i> . . . . .	242
How To Find The Right Subdivisions Into Tariff Classes, by <i>H. Schmitter</i> and <i>E. Straub</i> . . . . .	257

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

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

PRINTED IN THE NETHERLANDS