
MATHEMATICAL METHODS IN ECONOMICS AND FINANCE

Editor and Managing Director:

Elio Canestrelli

Guest Editors:

Marco Corazza

Claudio Pizzi

Editorial Board:

Elio Canestrelli

Marco Corazza

Paola Ferretti

Editorial Assistants:

Diana Barro

Martina Nardon

Advisory Board:

Anna Rita Bacinello, Trieste

Antonella Basso, Venezia

Paolo Bortot, Venezia

Giovanni Castellani, Venezia

Francesco Mason, Venezia

Graziella Pacelli, Ancona

Paolo Pianca, Venezia

Bruno Viscolani, Padova

Contents

The underwriting cycles under Solvency II	1
<i>Anthony Derien</i>	
Empirical pricing kernels and investor preferences.....	19
<i>Kai Detlefsen, Wolfgang Karl Härdle and Rouslan A. Moro</i>	
Calibration of a multiscale stochastic volatility model.....	49
<i>Lorella Fatone, Francesca Mariani, Maria Cristina Recchioni and Francesco Zirilli</i>	
A reserve risk model for a non-life insurance company	63
<i>Salvatore Forte, Matteo Ialenti and Marco Pirra</i>	
Parameter estimation for differential equations using fractal-based methods and applications to economics and finance.....	79
<i>Herb Kunze, Davide La Torre, Cinzia Colapinto, Jelena Loncar and Matteo Fini</i>	
Jump telegraph processes and a volatility smile.....	93
<i>Nikita Ratanov</i>	
Estimating the true embedded risk management cost of total return strategies.....	113
<i>Francesco Sandrini, David Edelman and Dermot Ryan</i>	

