

## CONTENTS

### Articles:

<i>Jan Eisner, Milan Kučera, Martin Vāth</i> : A variational approach to bifurcation points of a reaction-diffusion system with obstacles and Neumann boundary conditions .....	1
<i>Xiaohui Hu, Pengzhan Huang, Xinlong Feng</i> : A new mixed finite element method based on the Crank-Nicolson scheme for Burgers' equation .....	27
<i>Radim Navrátil, A. K. Md. Ehsanes Saleh</i> : Aligned rank tests in measurement error model .....	47
<i>Meng Wu, Jue Lu, Nan-jing Huang</i> : On European option pricing under partial information .....	61
<i>Josef Málek, Kumbakonam R. Rajagopal, Petra Suková</i> : Response of a class of mechanical oscillators described by a novel system of differential-algebraic equations .....	79
<i>Quan Zhou, Zhenlong Chen, Ruixing Ming</i> : Copula-based grouped risk aggregation under mixed operation .....	103