

Table of contents

En hommage à Marius Iosifescu	1
<i>Martin Andler, Haïm Brezis, Philippe Ciarlet, Doina Cioranescu, Christian Duhamel, Etienne Guyon, Bernard Helffer et Violette Rey</i>	
Curriculum vitae	6
<i>Marius Iosifescu</i>	
Marius Iosifescu, a leading figure of Romanian mathematics	19
<i>Lucian Beznea and Vasile Brînzănescu</i>	
Uniformly integrable potential operators and the existence of quasi-stationary distributions	21
<i>Mioara Buiculescu</i>	
Nonlinearities on Cryptographic Shift Registers	27
<i>Nicolae Constantinescu, Oana Adriana Țicleanu, and Alin Golumbeanu</i>	
Estimation of noisy cubic spline using a natural basis	33
<i>Azzouz Dermoune and Cristian Preda</i>	
On the escape probability of particles from a charged channel	53
<i>Gabriela Marinoschi</i>	
A Gibbs sampler in a generalized sense	62
<i>Udrea Păun</i>	
How common sense can be misleading in ruin theory	72
<i>Anișoara Maria Răducan, Raluca Vernic, and Gheorghică Zbăganu</i>	
Positive-semidefinite matrices and the Jordan totient function	82
<i>Sorin Rădulescu and Marius Rădulescu</i>	
Recent advances in the metric theory of θ -expansions	88
<i>Gabriela Ileana Sebe and Dan Lascu</i>	
Minimax fractional programming problem with $(p, r) - \rho - (\eta, \theta)$ -invex functions	94
<i>Ioan Stancu-Minasian, Andreea Madalina Stancu, and Anurag Jayswal</i>	

