

Metrika

International Journal
for Theoretical and Applied Statistics

2013

**An information theoretical algorithm for analyzing supersaturated designs for a
response**

N. Balakrishnan · C. Koukouvinos · C. Parpoula 1

Kernel spatial density estimation in infinite dimension space

S. Dabo-Niang · A. F. Yao 19

Testing the adequacy of varying coefficient models with missing responses at random

W. Xu · L. Zhu 53

A new non-linear $AR(1)$ time series model having approximate beta marginals

B.V. Popović · S. Nadarajah · M.M. Ristić 71

An urn-based Bayesian block bootstrap

P. Cimillo · P. Muhere 93

Coefficients of ergodicity for Markov chains with uncertain parameters

D. Skulj · R. Hable 107

A modified Bartlett test for heteroscedastic one-way MANOVA

J. F. Zhang · X. Liu 135

Further articles can be found at www.springerlink.com

Instructions for Authors for *Metrika* are available
at <http://www.springer.com/184>