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J.J. Strossmayer University of Osijek, Department of Mathematics,

PhD University of Zagreb, 2010

Research interest: Diffusion processes; Statistical analysis of stochastic processes

Recent publications:

- [1] M. Rukav, K. Stražanac, N. Šuvak, Z. Tomljanović, *Markov decision processes in minimization of expected costs*, **Croatian Operational Research Review**, 5(2014) 2; 247-257.
- [2] I. ŠandrakNukić, N. Šuvak, *Impact of human resources management on business result of Croatian construction companies*, **Organization Technology and Management in Construction: an International Journal**, 5 (2013) 1; 663-675.
- [3] F. Avram, N.N.Leonenko, N. Šuvak, *On spectral analysis of heavy-tailed Kolmogorov-Pearson diffusions*, **Markov Processes and Related Fields**, 19 (2013)2; 249-298.
- [4] F. Avram, N.N.Leonenko, N. Šuvak, *Spectral representation of transition density of Fisher-Snedecor diffusion*, **Stochastics - An International Journal of Probability and Stochastic Processes**, 85 (2013) 2; 346-369.
- [5] F. Avram, N.N.Leonenko, N. Šuvak, *Hypothesis testing for Fisher-Snedecor diffusion*, **Journal of Statistical Planning and Inference**, 142(2012) 8; 2308-2321.

Selected publications:

- [1] N.N.Leonenko, L. Sakhno, N. Šuvak, *Parameter estimation for reciprocal gamma Ornstein-Uhlenbeck type processes*, **Theory of Probability and Mathematical Statistics**, 86 (2012); 137-154.
- [2] F. Avram, N.N.Leonenko, N. Šuvak, *Parameter estimation for Fisher-Snedecor diffusion*, **Statistics - a Journal of Theoretical and Applied Statistics**, 45(2011) 1; 27-42.
- [3] N.N.Leonenko, N. Šuvak, *Statistical inference for reciprocal gamma diffusion process*, **Journal of Statistical Planning and Inference**, 140 (2010) 1; 30-51.
- [4] N.N.Leonenko, N. Šuvak, *Statistical inference for Student diffusion process*, **Stochastic Analysis and Applications**, 28 (2010) 6; 972-1002.