

Dragan Jukić

Professor, jukicd@mathos.hr

University of Osijek, Department of Mathematics

PhD University of Zagreb, 1996

Research interest: Numerical mathematics; Applied mathematics.

Recent publications:

- [1] D. Jukić, *A simple proof of the existence of the best estimator in a quasilinear regression model*, **Journal of optimization theory and applications** **162** (2014), 293-302.
- [2] D. Marković, D. Jukić, *Total least squares fitting the three-parameter inverse Weibull density*, **European Journal of Pure and Applied Mathematics** **7** (2014), 230-245.
- [3] D. Jukić, *On nonlinear weighted least squares estimation of Bass diffusion model*, **Applied mathematics and computation** **219** (2013), 7891-7900.
- [4] D. Marković, D. Jukić, *On parameter estimation in the bass model by nonlinear least squares fitting the adoption curve*, **International Journal of Applied Mathematics and Computer Science** **23** (2013), 145-155.
- [5] D. Jukić, *On the L_s -norm generalization of the NLS method for the Bass model*, **European Journal of Pure and Applied Mathematics** **6** (2013), 435-450.

Selected publications:

- [1] D. Jukić, *The L_p -norm estimation of the parameters for the Jelinski-Moranda model in software reliability*, **International Journal of Computer Mathematics** **89** (2012),
- [2] D. Jukić, M. Benšić, R. Scitovski, *On the existence of the nonlinear weighted least squares estimate for a three-parameter Weibull distribution*, **Comput. Statist. Data Anal.** **52** (2008), 4502-4511.
- [3] K.P. Hadeler, D. Jukić, K. Sabo, *Least squares problems for Michaelis-Menten kinetics*, **Math. Meth. Appl. Sci.** **30** (2007), 1231-1241.
- [4] D. Jukić, K. Sabo, R. Scitovski, *Total least squares fitting Michaelis-Menten enzyme kinetic model function*, **J. Comput. Appl. Math.** **201** (2007), 230-246.
- [5] D. Jukić, *A necessary and sufficient criteria for the existence of the least squares estimate for a 3-parametric exponential function*, **Appl. Math. Comput.** **147** (2004), 1-17.