

Neven Elezović

Professor, Department of Applied mathematics, Faculty of
Electrical engineering, University of Zagreb
PhD University of Zagreb 1985

Research interest: Functional analysis, probability theory, classical analysis

Recent publications:

- [1] N. Elezović, Lj. Marangunić, J. Pečarić, *Unified treatment of complemented Shwarz and Gruss inequalities in inner product spaces*, **Mathematical inequalities & Applications**, **8, 2** (2005), 223-231
- [2] R. Agarwal, N. Elezović, J. Pečarić, *On some inequalities for beta and gamma functions via some classical inequalities*, **Archives in Inequalities**, **2005:5** (2005), 593-613
- [3] N. Elezović, Vesna Županović, Darko Žubrinić, *Box dimension of trajectories of some discrete dynamical systems*, **Chaos, Solitons & Fractals** **34** (2007) 244-252
- [4] N. Elezović, Lj. Marangunić, J. Pečarić, *Some improvements on Gruss type inequality*, **J. Math. Inequal.**, **1, 3** (2007) 425-436
- [5] N. Elezović, Ž. Tomovski, *Fractional derivative and formal power series*, **Int. J. Pure Appl. Math.** (to appear)

Selected publications:

- [1] N. Elezović, *Radonification problem for cylindrical measures on tensor products of Banach spaces*, **Publ. RIMS, Kyoto Univ**, **22, 2** (1986), 329-344
- [2] N. Elezović, *Cylindrical measures on tensor products of Banach spaces and random linear operators*, **Manuscripta Math.**, **60** (1988), 1-20
- [3] N. Elezović, *p-summing operators defined on tensor products of Banach spaces*, **Glasnik matematički**, **24 (44)** (1989), 327-338
- [4] N. Elezović, A. Mikelić, *On the stochastic Cahn-Hilliard equation*, **Nonlinear Analysis, Theory, Methods & Applications**, **16, 12** (1991), 1169-1200
- [5] N. Elezović, C. Giordano, J. Pečarić, *The best bounds in Gautschi's inequality*, **Math. Inequal. Appl.**, **3** (2000), 239-252