Darko Žubrinić

Professor, Department of Applied Mathematics,
University of Zagreb,
PhD University of Zagreb, 1986

Research interest: Nonlinear elliptic equations, fractal analysis.

Recent publications:

[1] Žubrinić D.: *Maximally singular functions in Besov spaces* // **Archiv der Mathematik. 87** (2006.) ; 154-162

[2] Žubrinić, Darko; Županović, Vesna, *Fractal analysis of spiral trajectories of some vector fields in R^3* // **Comptes Rendus Mathematique, Acad. Sci. Paris. 342** (2006) , 12; 959-963

[3] Horvat L.; Žubrinić D.: *Maximally singular Sobolev functions,* **J. Math. Anal. Appl. 304** (2005), no. 2, 531-541.

[4] Žubrinić, D.; Županović, V.: *Fractal analysis of spiral trajectories of some planar vector fields,* **Bull. Sci. Math. 129** (2005), no. 6, 457-485.

[5] Žubrinić, Darko, *Analysis of Minkowski contents of fractal sets and applications* // **Real Analysis Exchange. Vol 31** (2006) , 2; 315-354

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[1] Žubrinić D.: *Maximally singular functions in Besov spaces* // **Archiv der Mathematik. 87** (2006.) ; 154-162

[2] Žubrinić, Darko; Županović, Vesna, *Fractal analysis of spiral trajectories of some vector fields in R^3* // **Comptes Rendus Mathematique, Acad. Sci. Paris. 342** (2006) , 12; 959-963

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