

# Borka Jadrijević

Associate Professor, Department of Mathematics,  
University of Split  
PhD University of Zagreb, 2001.

Research interest: Number theory, Diophantine equations

Recent publications:

- [1] B. Jadrijević, *On elements with index of the form  $2^a 3^b$  in a parametric family of biquadratic fields*, **Glas. Mat.**, to appear;
- [2] A. Dujella, B. Ibrahimpahić, B. Jadrijević, *Solving a family of quartic Thue inequalities using continued fractions*, **Rocky Mountain J. Math.** **41** (2011), 1173-1182;
- [3] B. Jadrijević, *Solving index form equations in the two parametric families of biquadratic fields*, **Math. Commun.** **14**, No.2 (2009), 2; 341-363;
- [4] B. He, B. Jadrijević and A. Togbé, *Solutions of a class of quartic Thue inequalities*, **Glas. Mat.** **44** (2009), 309-321;
- [5] B. Jadrijević, *Establishing the minimal index in a parametric family of bicyclic biquadratic fields*, **Period. Math. Hungar.** **58** (2) (2009), 2; 155-180;

Selected publications:

- [1] A. Dujella and B. Jadrijević, *A parametric family of quartic Thue equations*, **Acta Arith.** **101** (2002), 159-170;
- [2] B. Jadrijević, *A system of Pellian equations and related two-parametric family of quartic Thue equations*, **Rocky Mountain J. Math.** **35**, No. 2 (2005), 547-572;
- [3] B. Jadrijević and V. Ziegler, *A system of relative Pellian equations and a related family of relative Thue equations*, **Int. J. Number Theory** Vol. 2, No. 4 (2006), 569-590;
- [4] C. Fuchs and B. Jadrijević, *On a parametric family of Thue inequalities over function fields*, **Math. Proc. Cambridge Philos. Soc.** **143** (2007), 9-23;
- [5] B. Jadrijević, *Establishing the minimal index in a parametric family of bicyclic biquadratic fields*, **Period. Math. Hungar.** **58** (2) (2009), 2; 155-180.