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Research interest: Elliptic curves; Diophantine equations

Recent publications:

[1] J. Aguirre, A. Dujella, M. Jukić Bokun, J.C. Peral: "*High rank elliptic curves with prescribed torsion group over quadratic fields*", **Period. Math. Hungar. 68** (2014), 222-230.
[2] M. Jukić Bokun: "*Eliptic curves over quadratic fields with fixed torsion subgroup and positive rank*", **Glas. Mat. Ser. III47** (2012), 277-284.
[3] M. Jukić Bokun, "*On the rank of elliptic curves over Q(sqrt{-3}) with torsion groups Z/3Z x Z/3Z and Z/3Z x Z/6Z*", **Proc. Japan Acad. Ser. A Math. Sci. 87/5** (2011), 61-64.

Selected publications:

[1] A. Dujella, M. Jukić Bokun, "*On the rank of elliptic curves over Q(i) with torsion group Z/4Z × Z/4Z*", **Proc. Japan Acad. Ser. A Math. Sci. 86/6** (2010), 93-96.