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On The Asymptotic Behavior of Heegner Points

Jan NEKOVÁR

D.P.M.M.S.,

University of Cambridge,

16 Mill Lane, Cambridge CB2 1SB, UK,

e-mail: nekovar@dpmms.cam.ac.uk

and

Norbert SCHAPPACHER

U.F.R. de mathématique et d'informatique,

Université Louis Pasteur,

7, rue René Descartes,

67084 Strasbourg Cedex, France

e-mail: schappa@math.u-strasbg.fr

Abstract: We prove that all but finitely many Heegner points on a given modular elliptic curve (or, more generally, on a given quotient of the modular Jacobian variety $J_0(N)$) are of infinite order in the Mordell-Weil group where they naturally live, i.e., over the corresponding ring class field.

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