

Dem'yanenko, V. A.

On exact estimates of the torsion orders for points of curves of genus one. (Russian)

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Zap. Nauchn. Semin. Leningr. Otd. Mat. Inst. Steklova 151, 57-65 (1986).

Let k be a number field of degree n , F an elliptic curve over k . Let p be an odd prime > 3 and assume that $F(k)$ contains a point of order p^t . The author claims that then $p^{t-1}(p-1) \leq 6n$ and sketches the proof.

Reviewer: Yu. G. Zarhin (Moskva)

MSC:

- 14H25 Arithmetic ground fields for curves
- 14H52 Elliptic curves
- 14H45 Special algebraic curves and curves of low genus

Cited in 1 Review

Keywords:

torsion of elliptic curves

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