

COMMENTS ON “ARITHMETIC ELLIPTIC CURVES
IN GENERAL POSITION”

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July 2011

(1.) The notation “ $\text{ord}_v(-) : F_v \rightarrow \mathbb{Z}$ ” in the final sentence of the first paragraph following [GenEll], Definition 1.1, should read “ $\text{ord}_v(-) : F_v^\times \rightarrow \mathbb{Z}$ ”.

(2.) In [GenEll], Definition 1.2, (ii), the *non-resp'd* and *first resp'd* items in the display should be *reversed!* That is to say, the notation “ $\alpha \lesssim_{\mathcal{F}} \beta$ ” corresponds to “ $\alpha(x) - \beta(x) \leq C$ ”; the notation “ $\alpha \gtrsim_{\mathcal{F}} \beta$ ” corresponds to “ $\beta(x) - \alpha(x) \leq C$ ”.

(3.) The first portion of the first sentence of the statement of [GenEll], Corollary 4.4, should read: “Let $\overline{\mathbb{Q}}$ be an algebraic closure of \mathbb{Q} ; ...”.

(4.) The “ $\text{log-diff}_{\overline{\mathcal{M}}_{\text{ell}}}([E_L])$ ” in the second inequality of the final display of the statement of [GenEll], Corollary 4.4, should read “ $\text{log-diff}_{\overline{\mathcal{M}}_{\text{ell}}}([E_L])$ ”.

Bibliography

[GenEll] S. Mochizuki, Arithmetic Elliptic Curves in General Position, *Math. J. Okayama Univ.* **52** (2010), pp. 1-28.