

Errata to: The least degree of a CM point on a modular curve

May 4, 2026

In Theorem 2.1 (the relative class number formula), we should either (a) assume that $f > 1$ or (b) replace the numerator 2 on the RHS by the number of units in the order of discriminant $f^2\Delta_K$.

In the last line of the proof of Lemma 2.2, there is a missing factor of $\log \log f$: Equation (5) shows that $h_\Delta \ll h_{\Delta_K} f \log \log f$. Since $\log \log f \ll \log \log |\Delta| \ll_\varepsilon |\Delta|^\varepsilon$, this turns out to be harmless (phew).