# CORRIGENDUM TO THE PAPER "QUADRATIC CLASS NUMBERS DIVISIBLE BY 3" <br> (Functiones et Approximatio 37 (2007), 203-211) 

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In attempting to handle $N_{+}(X)$ the paper states that the Scholz reflection principle "yields $3 \mid h(k)$ for any positive integer for which $3 \mid h(-3 k)$ ". This is not correct, and one cannot establish a result for $N_{+}(X)$ in this way. However one may use a criterion of Honda [1, Proposition 10], which shows that if

$$
27 n^{2}+d u^{2}=4 m^{3}
$$

with positive integers $n, u, m, d$, then $3 \mid h(d)$ providing that $(m, 3 n)=1$ and the polynomial $X^{3}-m X+n$ has no integer root. This latter condition is always satisfied if $3 \mid m-1$ and $3 \nmid n$, for example. An argument completely analogous to that used in the paper then recovers the stated bound $N_{+}(X) \gg_{\varepsilon} X^{9 / 10-\varepsilon}$.

## References

[1] T. Honda, Isogenies, rational points and section points of group varieties, Japan J. Math. 30 (1960), 84-101.

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