ERRATUM

Kraft, S.J. and Schoof, R.: Computing Iwasawa modules of real quadratic number fields, *Compositio Math.* **97** (1995), 135–155.

Table 5.2 of our paper contains errors. These were caused by a bug in our computer program. We thank Professor H. Taya for pointing this out to us. Lines 13 to 7 from below on page 153 and Table 5.2. at the top of page 154 should be modified as follows:

There are 144 quadratic fields of conductor $f < 10000$ with $f \not\equiv 1 \pmod 3$ that have $A_0 \neq 0$. In these cases $C \cong \Lambda/I$ for some non-trivial ideal I. In 109 cases we found that I is equal to the maximal ideal $\mathfrak{m} = (T, 3)$ of Λ. In these cases all groups A_n, B_n and C_n have order 3 and all maps $A_m \longrightarrow A_n$ are zero $(n > m)$. We have $I = \mathfrak{m}$ in 45 out of the 54 cases with $f \equiv 0 \pmod 3$ and in 64 out of 90 cases with $f \equiv 2 \pmod 3$.

The remaining 35 cases are listed below.

Table 5.2.

I	C	n_0	freq.	$f \equiv 0 \pmod 3$	$f \equiv 2 \pmod 3$
$(T, 9)$	9	0	$0+3$		3137, 4409, 6809
$(T-3, 9)$	9	1	$0+2$		4481, 7709
$(T+3, 9)$	9	1	$3+6$	3957, 7032, 7053	1772, 2777, 7244, 8069, 8396, 8837
$(T^2, 3)$	3×3	1	$1+2$	8745	4001, 6401
$(T-3, 27)$	27	2	$1+0$	4749	
$(T-12, 27)$	27	2	$0+5$		785, 2021, 3569, 3596, 7601
$(T+3, 27)$	27	2	$2+1$	5613, 9813	2429
$(T^2+3, 3T, 9)$	3×9	1	$1+0$	6396	
$(T^3, 3)$	$3 \times 3 \times 3$	1	$0+2$		1937, 3305
$(T+39, 81)$	81	3	$0+1$		5081
$(T+24, 81)$	81	3	$0+1$		5297
$(T^2-3, 9)$	9×9	2	$1+0$	5529	
$(T-12, 243)$	243	4	$0+1$		473
$(T+15, 243)$	243	4	$0+1$		1016
$(T-15, 243)$	243	4	$0+1$		6584

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Some typos pointed out by Pietro Mercuri:

- Page 135: line +3 of the introduction. "In other words," should be replaced by "In the cases we consider in this paper we have"
- Page 145: in the displayed equation (2) the Legendre symbol should be $(\frac{-f'}{x})$ rather than $(\frac{f'}{x})$.
- Page 149 Lines 11 and 12: $\mathrm{Ann}(I)$ should be $R_n/\mathrm{Ann}(I)$ (in two places).
- Page 149 Line -8: $\hat{J}$ should be J (in two places).
- Page 150 Line 8: γ_k should be γ^k.
- Page 152: The polynomial $G(Y)$ is the minimum polynomial of $\sqrt{\varepsilon}$ rather than ε.