ERRATUM TO "INTEGRAL REPRESENTATIONS OF CYCLIC GROUPS OF ORDER $p^2$"

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First sentence following displayed formula (8) should read:

A similar argument shows that the number of lattices of type (2) is given by $e_p (\alpha - p^{(p-3)/2}) h_R h_S$, since in (2) the parameter $r$ ranges from 1 to $p - 2$, and the isomorphism class of the extension with class $\lambda^k v$ is determined by two invariants: the orbit of $v$ in $\mathbb{Z}[x]/(x^{p-1-k})$, and the quadratic character of $v$ (mod $\lambda$) when $p \equiv 1$ (mod 4). Here, $e_p = 2$ or 1, according as to whether $p \equiv 1$ or 3 (mod 4). (For details, see the forthcoming article "Invariants of integral representations" by the author.)

The displayed formula in the Theorem should read:

$$n(ZG) = 1 + 2h_R + 2h_S + (4\alpha + (e_p - 1)(\alpha - p^{(p-3)/2}))h_R h_S.$$ 

Line 5 before the list of References should read:

Finally, the number of indecomposables of type (2) is given by

$$h_R h_S (\alpha' - p^{(p-3)/2 + \delta((p-3)/2)}).$$


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