

# Errata

It was claimed in Proposition 9 of Publication **I** that

**Proposition.** *[9,Publication **I**] For any non-zero  $x \in \mathcal{I}$ ,  $x$  extends to a basis of  $\mathcal{I}$  if and only if the ideal  $(x)$  is not divisible by any ideal of the form  $n\mathcal{O}_K$  for  $n \in \mathbb{Z}$ ,  $n \neq \pm 1$ .*

We present a minor correction to the above proposition.

**Proposition.** *[9,Publication **I** Corrected] For any non-zero  $x \in \mathcal{I}$ ,  $x$  extends to a basis of  $\mathcal{I}$  if and only if the ideal  $(x)$  is not divisible by any ideal of the form  $n\mathcal{I}$  for  $n \in \mathbb{Z}$ ,  $n \neq \pm 1$ .*

the incorrect statement remains true in the case  $\mathcal{I} = \mathcal{O}_K$ . The erroneous proposition does not affect any subsequent proof.