

int_nzero^{12,41}

$$\mathbb{Z}^{-\circ} \equiv_{\text{def}} \{i:\mathbb{Z} \mid i \neq 0\}$$

clarification:

$$\mathbb{Z}^{-\circ} \equiv_{\text{def}} \{i:\mathbb{Z} \mid i \neq 0 \in \mathbb{Z} \}$$