

**general\_length\_nth\_tl<sup>11,40</sup>**

$\forall r:\mathbb{N}, L:(\text{Top List}). \text{||nth\_tl}(r;L)\text{||} = \text{if } r <_z \text{||}L\text{||} \text{ then } \text{||}L\text{||} - r \text{ else } 0 \text{ fi} \in \mathbb{Z}$