Definition The function $append : L \times \mathbb{N} \to L$ that adds an element at the end of a linked list is defined by

Basis Step: If $m \in \mathbb{N}$ then
Recursive Step: If $l \in L$ and $n \in \mathbb{N}$ and $m \in \mathbb{N}$, then

CC BY-NC-SA 2.0 Version December 2, 2021 (1)