

Inference at \*  
of proof for Lemma comb\_for\_int\_seg\_wf:

$\vdash (\lambda m, n, z. \{m..n^-\}) \in \mathbb{Z} \rightarrow \mathbb{Z} \rightarrow (\downarrow \text{True}) \rightarrow \text{Type}$   
by (ProveOpCombinatorTyping (Auto\_aux (first\_nat 1:n) ((first\_nat 1:n), (first\_nat 3:n)) (first\_tok :t) inil\_term)) 'int\_seg\_wf'

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