Inference at $*$
of proof for Lemma comb_for_int_seg_wf:

$\vdash$ ($\lambda m,n,z.\ \{m..n^-\}$) $\in \mathbb{Z} \to \mathbb{Z} \to (\downarrow\text{True}) \to \text{Type}$
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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http://www.nuprl.org/FDLcontent/p0_942988_/p121_95053_{comb_for_int_seg_wf}.html