Inference at $*$
 of proof for Lemma int_upper_wf:

$\vdash \forall n{:}\mathbb{Z}.\ \{n\ldots\} \in \mathrm{Type}$
 by ((Unfold ‘int_upper‘ 0)
 CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
 ),(first_nat 3:n)) (first_tok :t) inil_term)))·

 .

http://www.nuprl.org/FDLcontent/p0_942988_/p121_95331_{int_upper_wf}.html