Inference at $*$
of proof for Lemma int_le_to_int_upper:

$\vdash \forall i{:}\mathbb{Z},\ A{:}(\{i\ldots\}\to\mathbb{P}).\ \{\forall j{:}\mathbb{Z}.\ (i \le j) \Rightarrow A(j)\} \iff \{\forall j{:}\{i\ldots\}.\ A(j)\}$
by ((((((Unfold ‘guard‘ 0)
CollapseTHEN (GenUnivCD))·)
CollapseTHENM (HypBackchain))
·)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_94656_{int_le_to_int_upper}.html