

Inference at *
of proof for Lemma int_lt_to_int_upper:

$\vdash \forall i:\mathbb{Z}, A:(\{i+1\ldots\} \rightarrow \mathbb{P}). \{\forall j:\mathbb{Z}. (i < j) \Rightarrow A(j)\} \Longleftrightarrow \{\forall j:\{i+1\ldots\}. A(j)\}$
by Unfold ‘guard’ 0

1:

$\vdash \forall i:\mathbb{Z}, A:(\{i+1\ldots\} \rightarrow \mathbb{P}). (\forall j:\mathbb{Z}. (i < j) \Rightarrow A(j)) \Longleftrightarrow (\forall j:\{i+1\ldots\}. A(j))$

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