

Inference at * 1 1
of proof for Lemma absval_ubound:

....truecase.... NILNIL

1. $i : \mathbb{Z}$

2. $n : \mathbb{N}$

3. $0 \leq i$

$\vdash (i \leq n) \iff (((-n) \leq i) \ \& \ (i \leq n))$

by (Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat 3:n)) (first_tok SupInf:t
) inil_term)

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