

Inference at *
 of proof for Lemma multiply_functionality_wrt_le:

$\vdash \forall i_1, i_2, j_1, j_2 : \mathbb{N}. (i_1 \leq j_1) \Rightarrow (i_2 \leq j_2) \Rightarrow ((i_1 * i_2) \leq (j_1 * j_2))$
 by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)

1:

1. $i_1 : \mathbb{N}$
2. $i_2 : \mathbb{N}$
3. $j_1 : \mathbb{N}$
4. $j_2 : \mathbb{N}$
5. $i_1 \leq j_1$
6. $i_2 \leq j_2$
- $\vdash (i_1 * i_2) \leq (j_1 * j_2)$

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