

Inference at *
of proof for Lemma multiply_nat_wf:

$\vdash \forall i, j : \mathbb{N}. (i * j) \in \mathbb{N}$
by (((UnivCD)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
3:n)) (first_tok :t) inil_term))))
CollapseTHEN (((MemTypeCD)
CollapseTHENA (
(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))))
)).

1:

1. $i : \mathbb{N}$
2. $j : \mathbb{N}$
- $\vdash (i * j) \in \mathbb{Z}$

2:set predicate..... NILNIL

1. $i : \mathbb{N}$
2. $j : \mathbb{N}$
- $\vdash 0 \leq (i * j)$

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