

Inference at * 2 0 1 3
of proof for Lemma multiply_nat_wf:

.....upcase..... NILNIL

1. $i : \mathbb{N}$
2. $j : \mathbb{Z}$
3. $0 < j$
4. $((j - 1) \geq 0) \Rightarrow (0 \leq (i * (j - 1)))$
 $\vdash (j \geq 0) \Rightarrow (0 \leq (i * j))$
by D 0

1:

5. $j \geq 0$
 $\vdash 0 \leq (i * j)$
2:wf..... NILNIL

$\vdash (j \geq 0) \in \mathbb{P}_1$

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