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

. . . . .wf. . . . . NILNIL

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

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

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_73877_{multiply_nat_wf}2_0_1_1_2.html