

Inference at * 1 0 1 1 2
of proof for Lemma integer sqrt:

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

1. $n : \mathbb{Z}$
 2. $n < 0$
 3. $((n+1) \geq 0) \Rightarrow (\exists r:\mathbb{N}. (((r * r) \leq (n+1)) \ \& \ ((n+1) < ((r+1) * (r+1))))))$
- $\vdash (n \geq 0) \in \mathbb{P}_1$
by Repeat MemEqCD

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