

Inference at * 1 0
of proof for Lemma all_functionality_wrt_implies:

1. $S : \text{Type}$
2. $T : \text{Type}$
3. $P : S \rightarrow \mathbb{P}$
4. $Q : S \rightarrow \mathbb{P}$
5. $S = T$
6. $\forall z:S. P(z) \Rightarrow Q(z)$
7. $\forall x:S. P(x)$
8. $y : T$

$\vdash Q(y)$
by PERMUTE{1:n, 1:n}

1:wf..... NILNIL

$\vdash y \in S$

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