

Inference at * 1
of proof for Lemma inv_image_ind_tp:

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1. T : Type
2. r : T → T → ℙ
3. S : Type
4. f : S → T
5. WellFnd{i}(T;x,y.r(x,y))
⊢ WellFnd{i}(S;x,y.r(f(x),f(y)))
  by UnfoldTopAb 0

```

1:

$$\vdash \forall P:(S \rightarrow \mathbb{P}). (\forall j:S. (\forall k:S. r(f(k),f(j)) \Rightarrow P(k)) \Rightarrow P(j)) \Rightarrow \{\forall n:S. P(n)\}$$

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