Inference at $*$ 1 2 1 1 1
of proof for Lemma wellfounded_functionality_wrt_implies:

1. T_1 : Type
2. T_2 : Type
3. r_1 : $T_1 \rightarrow T_1 \rightarrow \mathbb{P}$
4. r_2 : $T_2 \rightarrow T_2 \rightarrow \mathbb{P}$
5. $T_1 = T_2$
6. $\forall x, y{:}T_1.\ r_1(x,y) \Leftarrow r_2(x,y)$
7. $T_2 \rightarrow \mathbb{P}$
8. j : T_1
9. k : T_2
10. $r_2(k,j)$

$\vdash r_1(k,j)$

by ((BackThruHyp 6)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
),(first_nat 4:n)) (first_tok :t) inil_term)))·

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_96293_{wellfounded_functionality_wrt_implies}1_2_1_1_1.html