

wellfounded_functionality_wrt_implies^{12,41}

$\forall T_1, T_2:\text{Type}, r_1:(T_1 \rightarrow T_1 \rightarrow \mathbb{P}), r_2:(T_2 \rightarrow T_2 \rightarrow \mathbb{P}).$
 $(T_1 = T_2)$
 $\Rightarrow (\forall x, y:T_1. \{r_1(x,y) \Leftarrow r_2(x,y)\})$
 $\Rightarrow \{\text{WellFnd}\{i\}(T_1;x,y.r_1(x,y)) \Rightarrow \text{WellFnd}\{i\}(T_2;x,y.r_2(x,y))\}$

ProofTree