wellfounded_functionality_wrt_implies[12,41]

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

ProofTree

http://www.nuprl.org/FDLcontent/p0_942988_/p15_2122_{wellfounded_functionality_wrt_implies}.html