

wellfounded^{12,41}

$$\begin{aligned} & \text{WellFnd}\{\mathbf{i}\}(A;x,y.R(x;y)) \\ \equiv_{\text{def}} & \forall P:(A \rightarrow \mathbb{P}). (\forall j:A. (\forall k:A. R(k;j) \Rightarrow P(k)) \Rightarrow P(j)) \Rightarrow \{\forall n:A. P(n)\} \end{aligned}$$

clarification:

$$\begin{aligned} & \text{WellFnd}\{\mathbf{i}\}(A;x,y.R(x;y)) \\ \equiv_{\text{def}} & \forall P:(A \rightarrow \mathbb{P}\{\mathbf{i}\}). (\forall j:A. (\forall k:A. R(k;j) \Rightarrow P(k)) \Rightarrow P(j)) \Rightarrow \{\forall n:A. P(n)\} \end{aligned}$$