

l-ordered^{11,40}

$\text{l-ordered}(T; x, y. R(x; y); L) \equiv_{\text{def}} \forall x, y: T. \text{l_before}(x; y; L; T) \Rightarrow R(x; y)$

clarification:

$\text{l-ordered}(T; x, y. R(x; y); L) \equiv_{\text{def}} \forall x: T, y: T. \text{l_before}(x; y; L; T) \Rightarrow R(x; y)$