

l_tricotomy^{11,40}

$\forall T:\text{Type}, x,y:T, L:(T \text{ List}).$

$(x \in L) \Rightarrow (y \in L) \Rightarrow (((x = y) \vee \text{l_before}(x; y; L; T)) \vee \text{l_before}(y; x; L; T))$