

symmetrized_preorder^{13,42}

$\forall T:\text{Type}, R:(T \rightarrow T \rightarrow \mathbb{P}). \text{Preorder}(T;x,y.R(x,y)) \Rightarrow \text{EquivRel}(T;a,b.\text{Symmetrize}(x,y.R(x,y);a;b))$