

es-seq^{11,40}

$\text{es-seq}(es; S) \equiv_{\text{def}} \forall e_1, e_2: \text{E}. e_1 \text{ before } e_2 \in S \Rightarrow (\neg(e_2 < e_1))$

clarification:

$\text{es-seq}(es; S)$

$\equiv_{\text{def}} \forall e_1: \text{es-E}(es), e_2: \text{es-E}(es). e_1 \text{ before } e_2 \in S \in \text{es-E}(es) \Rightarrow (\neg \text{es-causal}(es; e_2; e_1))$