

es-seq^{0,22}

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

clarification:

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