

Q-R-pre-preserving-1-1^{11,40}

$\forall es:ES, P:(E \rightarrow \mathbb{P}), Q, R:(E \rightarrow E \rightarrow \mathbb{P}), f:(\{e:E \mid P(e)\} \rightarrow E).$
 $\text{Refl}(E;e,e'.Q(e,e'))$
 $\Rightarrow \text{AntiSym}(E;e,e'.R(e,e'))$
 $\Rightarrow f \text{ is } Q\text{-}R\text{-pre-preserving on } P$
 $\Rightarrow \text{Inj}(\{e:E \mid P(e)\};E;f)$