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$|\ P(e)\} \rightarrow$E).
Refl(E;$e,e'.Q(e,e')$)
$\Rightarrow$ AntiSym(E;$e,e'.R(e,e')$)
$\Rightarrow$ f is Q-R-pre-preserving on P
$\Rightarrow$ Inj($\{e$:E$|\ P(e)\}$;E;f)

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http://www.nuprl.org/FDLcontent/p0_963683_/p29_378740_{Q-R-pre-preserving-1-1}.html