

Inference at *
of proof for Lemma all_quot_elim:

$\vdash \forall T:\text{Type}, E:(T \rightarrow T \rightarrow \mathbb{P}).$
 $\text{EquivRel}(T; x, y. E(x, y))$
 $\Rightarrow (\forall F:((x, y:T // E(x, y)) \rightarrow \mathbb{P}).$
 $(\forall w:(x, y:T // E(x, y)). \text{SqStable}(F(w)))$
 $\Rightarrow ((\forall z:(x, y:T // E(x, y)). F(z)) \iff (\forall z:T. F(z))))$
by Unfold ‘so_apply’ 0

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$\vdash \forall T:\text{Type}, E:(T \rightarrow T \rightarrow \mathbb{P}).$
 $\text{EquivRel}(T; x, y. E(x, y))$
 $\Rightarrow (\forall F:((x, y:T // (E(x, y))) \rightarrow \mathbb{P}).$
 $(\forall w:(x, y:T // (E(x, y))). \text{SqStable}(F(w)))$
 $\Rightarrow ((\forall z:(x, y:T // (E(x, y))). F(z)) \iff (\forall z:T. F(z))))$
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