

Inference at *
of proof for Lemma quotient_qinc:

$\vdash \forall T:\text{Type}, E:(T \rightarrow T \rightarrow \mathbb{P}). \text{EquivRel}(T;x,y.E(x,y)) \Rightarrow T \subseteq (x,y:T // E(x,y))$
by (((Unfold 'subtype' 0)
CollapseTHEN (UnivCD)).)
CollapseTHEN (

(Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))).

1:

1. $T : \text{Type}$
 2. $E : T \rightarrow T \rightarrow \mathbb{P}$
 3. $\text{EquivRel}(T;x,y.E(x,y))$
 4. $x : T$
- $\vdash x \in (x,y:T // E(x,y))$

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