Inference at $*$ 1 1 1
of proof for Lemma quot_elim:

1. T : Type
2. E : $T \to T \to \mathbb{P}$
3. EquivRel(T;x,y.$E(x,y)$)
4. a : T
5. b : T
6. $E(a,b)$

$\vdash$ $E(a,b)$
by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_78857_{quot_elim}1_1_1.html