

Inference at * 1 1 1 1 1 1
of proof for Lemma decidable__quotient_equal:

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1. T : Type
2. E : T → T → ℙ
3. EquivRel(T;x,y.E(x,y))
4. f : T → T → ℙ
5. ∀x, y:T. (↑(x f y)) ⇔ E(x,y)
6. u1 : T
7. u2 : T
8. E(u1,u2)
⊢ f(u1) = f(u2)
  by ((ExtWith ['v'] [T → ℙ])
    CollapseTHEN (Auto_aux (first_nat 1:n) ((first_nat 1:n
      ),(first_nat 3:n)) (first_tok :t) inil_term)))
1:
    9. v : x,y:T // E(x,y)
    ⊢ f(u1,v) = f(u2,v)
.

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