Inference at $*$
of proof for Lemma stable_function_equal:

$\vdash \forall A,B$:Type, $f,g$:$(A \to B)$. $(\forall x{:}A.\ \text{Stable}\{f(x) = g(x)\}) \Rightarrow \text{Stable}\{f = g\}$
by ((Unfold ‘stable‘ 0)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

1. $A$ : Type
2. $B$ : Type
3. $f$ : $A \to B$
4. $g$ : $A \to B$
5. $\forall x{:}A.\ (\neg\neg(f(x) = g(x))) \Rightarrow (f(x) = g(x))$
6. $\neg\neg(f = g)$

$\vdash f = g$

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