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

1. T : Type
2. R : $T \to T \to \mathbb{P}$
3. R' : $T \to T \to \mathbb{P}$
4. $\forall x, y{:}T.\ \{R(x,y) \Rightarrow R'(x,y)\}$
5. $\forall x, y{:}T.\ R(x,y) \vee R(y,x)$
6. x : T
7. y : T

$\vdash R'(x,y) \vee R'(y,x)$
 by InteriorProof ((RWH (HypC 4) 5)
 CollapseTHENA ((Auto_aux (first_nat 1:n
) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

 1:

 5. $\forall x, y{:}T.\ R'(x,y) \vee R'(y,x)$
 6. x : T
 7. y : T
 $\vdash R'(x,y) \vee R'(y,x)$

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