

Inference at * 2 1
of proof for Lemma decidable_functionality:

1. $P : \mathbb{P}$
2. $Q : \mathbb{P}$
3. $P \iff Q$
4. $\text{Dec}(Q)$

$\vdash \text{Dec}(Q)$
by (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 4:n)) (first_tok :t) inil_term)

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