Inference at $*$
of proof for Lemma implies_functionality_wrt_iff:

$\vdash \forall P_1, P_2, Q_1, Q_2{:}\mathbb{P}.\ (P_1 \iff P_2) \Rightarrow (Q_1 \iff Q_2) \Rightarrow \{(P_1 \Rightarrow Q_1) \iff (P_2 \Rightarrow Q_2)\}$
by ((((((Unfold ‘guard‘ 0)
CollapseTHEN (GenUnivCD))·)
CollapseTHEN (HypBackchain))·
)
CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_99384_{implies_functionality_wrt_iff}.html