Inference at $*$
of proof for Lemma ext-eq_transitivity:

$\vdash \forall A, B, C$:Type. $A \equiv B \Rightarrow B \equiv C \Rightarrow A \equiv C$
by ((Unfold ‘ext-eq‘ 0)
CollapseTHEN (((Auto·)
CollapseTHEN (((((D (0)·)

CollapseTHEN (Auto·))·)
CollapseTHEN (((SubsumeC $B$)
CollapseTHEN (Auto·))·))·))·))·

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http://www.nuprl.org/FDLcontent/p0_963683_/p50_242586_{ext-eq_transitivity}.html