Inference at $*$
of proof for Lemma bimplies_transitivity:

$\vdash \forall u, v, w{:}\mathbb{B}.\ (\uparrow(u \Rightarrow_b v)) \Rightarrow (\uparrow(v \Rightarrow_b w)) \Rightarrow (\uparrow(u \Rightarrow_b w))$
by InteriorProof ((((((RepeatMFor 3 (D 0))
CollapseTHENM (BoolEval))·)

CollapseTHENM (AbReduce 0))·)
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_90419_{bimplies_transitivity}.html