Inference at $*$
of proof for Lemma bor-to-and:

$\vdash \forall a, b{:}\mathbb{B}.\ ((a \vee_b b) \sim \mathrm{ff}) \Rightarrow \{(a \sim \mathrm{ff})\ \&\ (b \sim \mathrm{ff})\}$
by ((if (((first_nat 2:n)) = 0) then (Repeat ((D (0)·)
CollapseTHENA (Auto·)·
)) else (RepeatFor (first_nat 2:n) ((D (0)·)
CollapseTHENA (Auto·)·)))·)

CollapseTHEN ((Unfold ‘guard‘ ( 0)·)
CollapseTHEN ((AutoBoolCase $a$)
CollapseTHEN (
AutoBoolCase $b$)·)·)·

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http://www.nuprl.org/FDLcontent/p0_963683_/p23_543249_{bor-to-and}.html