Inference at $*$
of proof for Lemma bool_cases_sqequal:

$\vdash \forall b{:}\mathbb{B}.\ (b \sim \mathrm{tt}) \vee (b \sim \mathrm{ff})$
by ((D 0)
THENW ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n
)) (first_tok :t) inil_term)))·

1:

1. $b : \mathbb{B}$
$\vdash (b \sim \mathrm{tt}) \vee (b \sim \mathrm{ff})$
.

http://www.nuprl.org/FDLcontent/p0_942988_/p121_85520_{bool_cases_sqequal}.html