

Inference at *
of proof for Lemma bool_sq:

$\vdash \text{SQType}(\mathbb{B})$
by ((RepUnfolds “sq_type guard“ 0)
CollapseTHEN (UnivCD
THENW (Auto_aux (first_nat
1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))).

1:

1. $x : \mathbb{B}$
 2. $y : \mathbb{B}$
 3. $x = y$
- $\vdash x \sim y$

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