Inference at $*$ 1
 of proof for Lemma bool_ind:

1. $P : \mathbb{B} \to \mathbb{P}$
2. $P(\mathrm{ff})$
3. $P(\mathrm{tt})$
4. $b : \mathbb{B}$

$\vdash P(b)$

 by ((BoolInd 4)
 CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
 4:n)) (first_tok :t) inil_term)))·

 .

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_90730_{bool_ind}1.html