Inference at ∗ 1 1
 of proof for Lemma btrue_neq_bfalse:

1. tt = ff
2. if tt then 1 else 0 fi = if ff then 1 else 0 fi
⊢False
  by ((RWH ifthenelse_evalC 2)
  CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 2:n
    ),(first_nat 3:n)) (first_tok :t) inil_term)))·

    .