

Inference at \*  
of proof for Lemma btrue\_neq\_bfalse:

```
⊢¬(tt = ff)
  by ((D 0)
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)
      )) (first_tok :t) inil_term)))
```

1:

```
1. tt = ff
   ⊢ False
```

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