

Inference at \* 1 2 1  
of proof for Lemma decidable\_equal\_bool:

```
⊢¬(ff = tt)
  by (((D 0)
    CollapseTHENM (SwapEquands (-1)))·)
    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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