

Inference at \*  
of proof for Lemma decidable\_false:

```
⊢Dec(False)
  by InteriorProof ((((((Unfold 'decidable' 0)
    CollapseTHEN (DNth 2 0)).)
      CollapseTHENM (D 0)).)
    CollapseTHEN ((Auto_aux (first_nat 1:n)
      ) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))).
```