

Inference at \*  
of proof for Lemma band\_wf:

```
⊢∀p,q:ℬ. (p ∧b q) ∈ ℬ
  by ((Unfold 'band' 0)
      CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
        ),(first_nat 3:n)) (first_tok :t) inil_term))))
```