

Inference at *
of proof for Lemma band-to-and:

```
⊢∀a, b:ℬ. ((a ∧b b) ~ tt) ⇒ {(a ~ tt) & (b ~ tt)}  
by ((if (((first_nat 2:n) = 0) then (Repeat ((D (0)·)  
CollapseTHEN (Auto·)·  
)) else (RepeatFor (first_nat 2:n) ((D (0)·)  
CollapseTHEN (Auto·))))·)
```

```
    CollapseTHEN ((Unfold 'guard' ( 0)·)  
CollapseTHEN ((AutoBoolCase a)  
CollapseTHEN (  
AutoBoolCase b)·)·)
```

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