

Inference at \* 1 2  
of proof for Lemma int\_entire:

```

1. a : ℤ
2. b : ℤ
3. (a * b) = 0
4. ¬(b = 0)
⊢(a = 0) ∨ (b = 0)
  by ((DNth 1 0)
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
      3:n)) (first_tok :t) inil_term)))
```

1:

⊢ a = 0

.