

Inference at *
of proof for Lemma int_trichot:

```
⊢∀i, j:ℤ. (i < j) ∨ (i = j) ∨ (i > j)
  by ((UnivCD
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat 3:n)
      )) (first_tok :t) inil_term)))
```