

Inference at *
of proof for Lemma eq_int_eq_true_elim:

```
⊢∀i,j:ℤ. ((i =0 j) = tt) ⇒ (i = j)
  by ((UnivCD)
    CollapseTHENA ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)
    )) (first_tok :t) inil_term)))
```

1:

1. $i : \mathbb{Z}$
 2. $j : \mathbb{Z}$
 3. $(i =_0 j) = \text{tt}$
- ⊢ $i = j$