

Inference at * 1
of proof for Lemma eq_int_eq_false_elim:

```
1. i : ℤ
2. j : ℤ
3. (i =0 j) = ff
⊢ i ≠ j
  by ((Decide i = j)
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n
      ),(first_nat 4:n)) (first_tok :t) inil_term)))).
```

1:

```
4. i = j
⊢ i ≠ j
```

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