

Inference at * 1
of proof for Lemma decidable_int_equal:

```
1. i : ℤ
2. j : ℤ
⊢ (i = j) ∨ (¬(i = j))
  by (Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat 3:n)) (first_tok :t) inil_term)
.
```