

Inference at *
of proof for Lemma decidable_le:

```
⊢ ∀ i, j : ℤ. Dec(i ≤ j)
  by (((Unfold 'decidable' 0)
    CollapseTHEN (UnivCD)).)
  CollapseTHEN (
    (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. $j : \mathbb{Z}$
- ⊢ $(i \leq j) \vee (\neg(i \leq j))$
- .