

Inference at *
of proof for Lemma assert_of_le_int:

```
⊢∀x,y:ℤ. (↑x ≤z y) ⇔ (x ≤ y)
by (((Unfolds "le_int le" 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. $x : \mathbb{Z}$
 2. $y : \mathbb{Z}$
- ⊢ (↑(¬by <z x)) ⇔ (¬(y < x))
- .