

Inference at * 1
of proof for Lemma iff_imp_equal_bool:

```

1. a : ℤ
2. b : ℤ
3. (↑a) ⇔ (↑b)
⊢ a = b
  by (((OnCls [2;1] BoolCases)
CollapseTHEN (RWH assert_evalC (-1))))·
CollapseTHEN (
  (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

```

1:

```

1. False ⇒ True
2. False ⇐ True
⊢ ff = tt

```

2:

```

1. True ⇒ False
2. True ⇐ False
⊢ tt = ff

```

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