

Inference at * 1 1
of proof for Lemma inconsistent-bool-eq:

1. $(\text{inl} \cdot) = (\text{inr} \cdot)$
2. $\text{case } \text{inl} \cdot \text{ of } \text{inl}(x) \Rightarrow 0 \mid \text{inr}(x) \Rightarrow 1 = \text{case } \text{inr} \cdot \text{ of } \text{inl}(x) \Rightarrow 0 \mid \text{inr}(x) \Rightarrow 1$
 $\vdash \text{False}$
by Reduce (-1)

1:

2. $0 = 1$
 $\vdash \text{False}$

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