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

1. tt = ff
⊢False
 by (Unfolds “btrue bfalse bool“ (-1)·)
 CollapseTHEN ((ApFunToHypEquands ‘Z’ case Z
  of inl(x) => 0
   | inr(x) => 1 ℤ (-1))
 CollapseTHEN (Auto·)·)·

  1:

    1. (inl ·) = (inr ·)
    2. case inl · of inl(x) => 0 | inr(x) => 1
       =
       case inr · of inl(x) => 0 | inr(x) => 1
    ⊢ False
  .