```
btrue_neq_bfalse  THM

⊢  ¬true₂ = false₂  by Analyze 0
|
1. true₂ = false₂
⊢  False  by ApFunToHypEquands ‘x’ if x→ 1 else 0 fi ℤ 1
|
2. if true₂→ 1 else 0 fi = if false₂→ 1 else 0 fi
⊢  False  by RWH ifthenelse_evalC 2
END
```