```
lt_int_eq_false_elim  THM

⊢  ∀i,j:ℤ. (i<₂j) = false₂ ⇒ ¬i<j  by UnivCD
|
1. i : ℤ
2. j : ℤ
3. (i<₂j) = false₂
⊢  ¬i<j  by RW bool_to_propC 3
END
```