```
less_equal_antisym  THM

⊢  ∀n,m:ℕ. n≤m & m≤n ⇒ n = m
  by RewriteOfThm
     Thm* all
          (λn:hnum. all
                    (λm:hnum. implies
                              (and(le(n,m),le(m,n))
                              ,equal(n,m))))
     {hless_equal_antisym}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```