```
even_and_odd  THM

⊢  ∀n:ℕ. ¬(even(n) & odd(n))
  by RewriteOfThm
     Thm* all(λn:hnum. not(and(even(n),odd(n))))    {heven_and_odd}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```