```
even_odd  THM

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