```
not_odd_eq_even  THM

⊢  ∀n,m:ℕ. ¬n+n+1 = m+m
  by RewriteOfThm
     Thm* all
          (λn:hnum. all(λm:hnum. not(equal(suc(add(n,n)),add(m,m)))))
     {hnot_odd_eq_even}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```