```
hodd_wd  THM

⊢  and(equal(odd(0),f),all(λn:hnum. equal(odd(suc(n)),not(odd(n)))))
| by HN THEN Simpsetp [‘nlogic‘]
|
1. n : ℕ
⊢  odd(n+1) = ¬₂odd(n)  by Assert (n+1>0) THEN Simp
END
```