```
num_cases  THM

⊢  ∀m:ℕ. m = 0 ∨ (∃n:ℕ. m = n+1)
  by RewriteOfThm
     Thm* all
          (λm:hnum. or(equal(m,0),exists(λn:hnum. equal(m,suc(n)))))
     {hnum_cases}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```