```
gen_induction  THM

⊢  ∀P:(ℕ→𝔹).
   P(0) & (∀n:ℕ. (∀m:ℕ. m<n ⇒ P(m)) ⇒ P(n)) ⇒ (∀n:ℕ. P(n))
  by RewriteOfThm
     Thm* all
          (λP:hnum → hbool. implies
                           (and
                            (P(0)
                            ,all
                             (λn:hnum. implies
                                       (all
                                        (λm:hnum. implies
                                                  (lt(m,n)
                                                  ,P(m)))
                                        ,P(n))))
                           ,all(λn:hnum. P(n))))
     {hgen_induction}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```