```
induction  THM

⊢  ∀P:(ℕ→𝔹). P(0) & (∀n:ℕ. P(n) ⇒ P(n+1)) ⇒ (∀n:ℕ. P(n))
  by RewriteOfThm
     Thm* all
          (λP:hnum → hbool. implies
                           (and
                            (P(0)
                            ,all(λn:hnum. implies(P(n),P(suc(n)))))
                           ,all(λn:hnum. P(n))))
     {hinduction}
     HNC
END
```