```
inv_suc  THM

⊢  ∀m,n:ℕ. m+1 = n+1 ⇒ m = n
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λn:hnum. implies
                              (equal(suc(m),suc(n))
                              ,equal(m,n))))
     {hinv_suc}
     HNC
END
```