```
k_thm  THM

⊢  ∀'a,'b:S, x:'a, x@0:'b. x = x
  by RewriteOfThm
     Thm* ∀'a,'b:S. all(λx:'a. all(λy:'b. equal(k(x,y),x)))
     {hk_thm}
     (SimpsetC [`hol_to_nuprl`])
END
```