```
hs_thm  THM

⊢  ∀'a,'b,'c:S.
   all
   (λf:'a → 'b → 'c. all
                       (λg:'a → 'b. all
                                      (λx:'a. equal
                                              (s(f,g,x)
                                              ,f(x,g(x))))))
  by HOL "hs_thm"
END
```