```
o_thm  THM

⊢  ∀'b,'c,'a:S, x:('b → 'c), x@0:('a → 'b), x@1:'a.
   (x o x@0)(x@1) = x(x@0(x@1))
  by RewriteOfThm
     Thm* ∀'b,'c,'a:S.
          all
          (λf:'b → 'c. all
                        (λg:'a → 'b. all
                                      (λx:'a. equal
                                              (o(f,g,x)
                                              ,f(g(x))))))
     {ho_thm}
     (SimpsetC [‘hol_to_nuprl‘])
END
```