```
sub_left_sub  THM

⊢  ∀m,n,x:ℕ.
   nnsub(m;nnsub(n;x)) = if n≤₂x then m else nnsub(m+x;n) fi
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λn:hnum. all
                              (λp:hnum. equal
                                        (sub(m,sub(n,p))
                                        ,cond
                                         (le(n,p)
                                         ,m
                                         ,sub(add(m,p),n))))))
     {hsub_left_sub}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```