```
sub_left_less  THM

⊢  ∀m,n,x:ℕ. m<nnsub(n;x) ⟺ m+x<n
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λn:hnum. all
                              (λp:hnum. equal
                                        (lt(m,sub(n,p))
                                        ,lt(add(m,p),n)))))
     {hsub_left_less}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```