```
sub_right_less  THM

⊢  ∀m,n,x:ℕ. nnsub(m;n)<x ⟺ m<n+x & 0<x
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λn:hnum. all
                              (λp:hnum. equal
                                        (lt(sub(m,n),p)
                                        ,and
                                         (lt(m,add(n,p))
                                         ,lt(0,p))))))
     {hsub_right_less}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```