```
less_sub_add_less  THM

⊢  ∀n,m,i:ℕ. i<nnsub(n;m) ⇒ i+m<n
  by RewriteOfThm
     Thm* all
          (λn:hnum. all
                    (λm:hnum. all
                              (λi:hnum. implies
                                        (lt(i,sub(n,m))
                                        ,lt(add(i,m),n)))))
     {hless_sub_add_less}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```