```
mod_plus  THM

⊢  ∀n:ℕ. 0<n ⇒ (∀j,k:ℕ. nmod(nmod(j;n)+nmod(k;n);n) = nmod(j+k;n))
  by RewriteOfThm
     Thm* all
          (λn:hnum. implies
                    (lt(0,n)
                    ,all
                     (λj:hnum. all
                               (λk:hnum. equal
                                         (mod
                                          (add(mod(j,n),mod(k,n))
                                          ,n)
                                         ,mod(add(j,k),n))))))
     {hmod_plus}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```