```
add_assoc  THM

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