```
less_imp_less_add  THM

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