```
hless_eq_less_eq_mono  THM

⊢  all
   (λm:hnum. all
             (λn:hnum. all
                       (λp:hnum. all
                                 (λq:hnum. implies
                                           (and(le(m,p),le(n,q))
                                           ,le(add(m,n),add(p,q)))))))
  by HOL "hless_eq_less_eq_mono"
END
```