```
eq_mono_add_eq  THM

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