

```
⊢ ∀[P:ℕ → ℙ]. ((∀n:ℕ. ((∀m:ℕn. P[m]) ⇒ P[n])) ⇒ (∀n:ℕ. P[n]))
|
BY (RepeatFor 2 ((D 0 THENA Auto))
|   THEN All (RepUR ‘‘all implies‘‘)
|   THEN RenameVar ‘g’ (-1))
|
[1]. P: ℕ → ℙ
2. g: n:ℕ → m:ℕn → P[m] → P[n]
⊢ n:ℕ → P[n]
|
BY (UseWitness [letrec f(n)=g[n;f] in f]. THEN Auto)
```