

```

┆ ∀[T:Type]. ∀[P:T → ℙ]. ∀[C:ℙ]. ((∀x:T. (C ⇒ (P x))) ⇒ C ⇒ (∀x:T. (P x)))
|
BY RepeatFor 3 ((UD THENA Auto))
|
[1]. T: Type
[2]. P: T → ℙ
[3]. C: ℙ
┆ (∀x:T. (C ⇒ (P x))) ⇒ C ⇒ (∀x:T. (P x))
|
BY RepeatFor 2 ((D 0 THENA Auto))
|
4. ∀x:T. (C ⇒ (P x))
5. C
┆ ∀x:T. (P x)
|
BY (D 0 THENA Auto)
|
6. x: T
┆ P x
|
BY (SimpleInstHyp 「x」 4. THENA Auto)
|
7. C ⇒ (P x)
┆ P x
|
BY D 7
| \
| ┆ C
| |
1 BY NthHyp 5
| \
| 7. P x
| ┆ P x
|
| BY NthHyp 7

```

Extract:

```

λf,c,x. (f x c)
  where f : ∀x:T. (C ⇒ (P x))
        c : C

```