

```

0: E_1(x) /\ O_1(x) |- N_3(x) (L.Or) [1,2]
  1: E_1(x) |- N_3(x) (E L.Unf.) [3,4]
    3: E_2(0) |- N_3(0) (N R.Unf.) [5]
      5: E_2(0) |- T (Id)
    4: O_1(y) /\ E_2(s(y)) |- N_3(s(y)) (N R.Unf.) [6]
      6: O_1(y) /\ E_2(s(y)) |- N_1(y) (Weaken) [7]
        7: O_1(y) |- N_3(y) (Subst) [8]
          8: O_1(x) |- N_3(x) (Back1) [2]
    2: O_1(x) |- N_3(x) (O L.Unf.) [9]
      9: E_1(y) /\ O_2(s(y)) |- N_3(s(y)) (N R.Unf.) [10]
        10: E_1(y) /\ O_2(s(y)) |- N_1(y) (E Fold) [11]
          11: E_1(y) /\ E_3(s(s(y))) |- N_1(y) (Weaken) [12]
            12: E_1(y) |- N_3(y) (Subst) [13]
              13: E_1(x) |- N_3(x) (Back1) [1]

```

Miss !!!

Root list: 2, 1, 0

Measures proposed for the roots in cycles:

2: [1]

1: [1]

Checking the link of IAAs from buds to roots:

13 to 2: | 1 -> 1 [true] ==> true

8 to 1: | 1 -> 1 [true] ==> true

The proof has succeeded