```
0: N_1(x) /\ N_2(y) /\ ADD_3(x,y,z) |- N_1(z) (ADD L.Unf.) [1,2]
  1: N_1(0) /\ N_2(z) /\ N_3(z) /\ ADD_4(0,z,z) |- T (Id)
  2: N_1(s(w)) /\ N_2(y) /\ ADD_3(w,y,b) /\ ADD_4(s(w),y,s(b)) |- N_1(s(b)) (N R.Unf.) [3]
    3: N_1(s(w)) /\ N_2(y) /\ ADD_3(w,y,b) /\ ADD_4(s(w),y,s(b)) |- N_1(b) (N L.Unf.) [4,5]
      4: s(w)=0 /\ N_2(y) /\ ADD_3(w,y,b) /\ ADD_4(s(w),y,s(b)) /\ N_5(s(w)) |- N_1(b) (Ex Falso)
      5: N_1(w) /\ N_2(y) /\ ADD_3(w,y,b) /\ ADD_4(s(w),y,s(b)) /\ N_5(s(w)) |- N_1(b) (Weaken) [6]
        6: N_1(w) /\ N_2(y) /\ ADD_3(w,y,b) |- N_1(b) (Subst) [7]
          7: N_1(x) /\ N_2(y) /\ ADD_3(x,y,z) |- N_1(z) (Backl) [0]

Miss !!!
Root list: 0

Measures proposed for the roots in cycles:
    0: [1, 3]
Checking the link of IAAs from buds to roots:
    7 to 0: | 1 -> 1 [true ]| 2 -> 2 [false ]| 3 -> 3 [true ] ==> true
The proof has succeeded
```