```
input:
(Rddd{\leftrightarrow}Paa)
\exists y (Pcb \lor \neg Pb)
tree:
                                               (Rddd↔Paa)√
                                              ∃y(Pcb∨¬Pb)✓e
                                           ¬Rddd
                                                             Rddd
                                           \neg Paa
                                                              Paa
                                       (Pcb∨¬Pb)✓
                                                         (Pcb \lor \neg Pb) \checkmark
                                         ¬Pb
                                                Pcb
                                                          ¬Pb Pcb
                                          o
                                                 o
                                                            o
                                                                   О
models:
model:
   domain: [1,2,3,4]
   referents:
        a: 1
        b: 2
        c: 3
        d: 4
   extensions:
      one-place:
          P: []
      two-place:
           P: []
      three-place:
           R: []
model:
   domain: [1,2,3,4]
   referents:
        a: 1
        b: 2
        c: 3
        d: 4
   extensions:
      one-place:
          P: []
      two-place:
           P: [(3,2)]
```

three-place: R: []

domain: [1,2,3,4]

referents: a: 1 b: 2

model:

```
c: 3
        d: 4
   extensions:
     one-place:
          P: []
     two-place:
          P: [(1,1)]
     three-place:
          R: [(4,4,4)]
model:
   domain: [1,2,3,4]
   {\bf referents:}
        a: 1
        b: 2
        c: 3
        d: 4
   extensions:
     one-place:
          P: []
     two-place:
          P: [(1,1),(3,2)]
     three-place:
          R: [(4,4,4)]
```