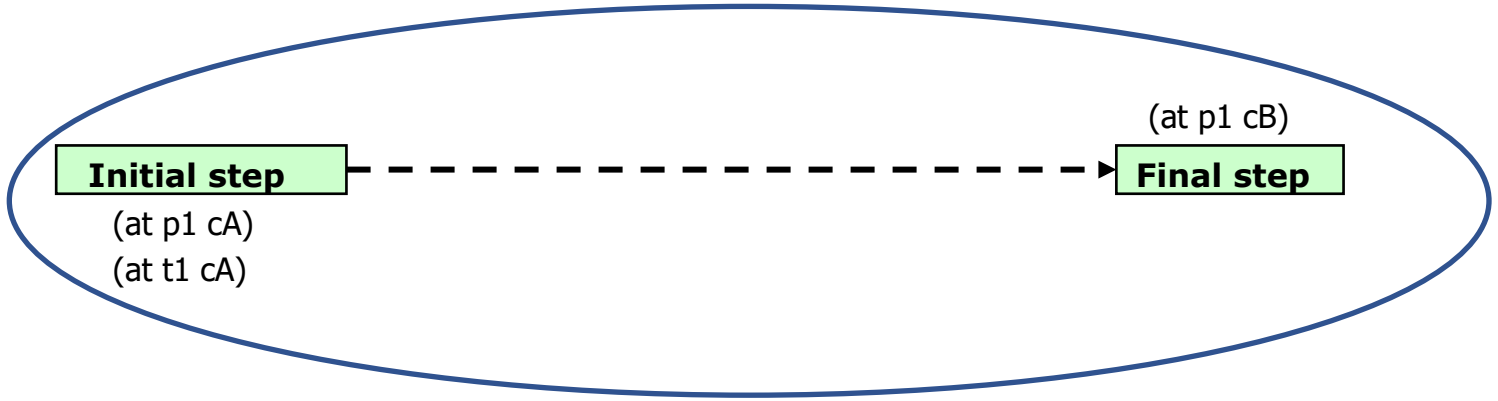
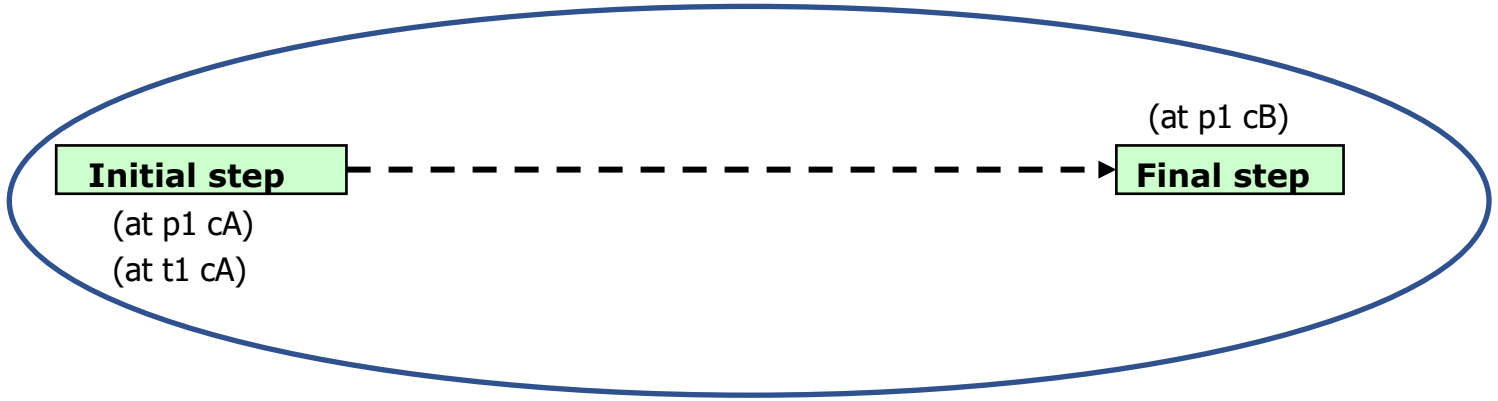
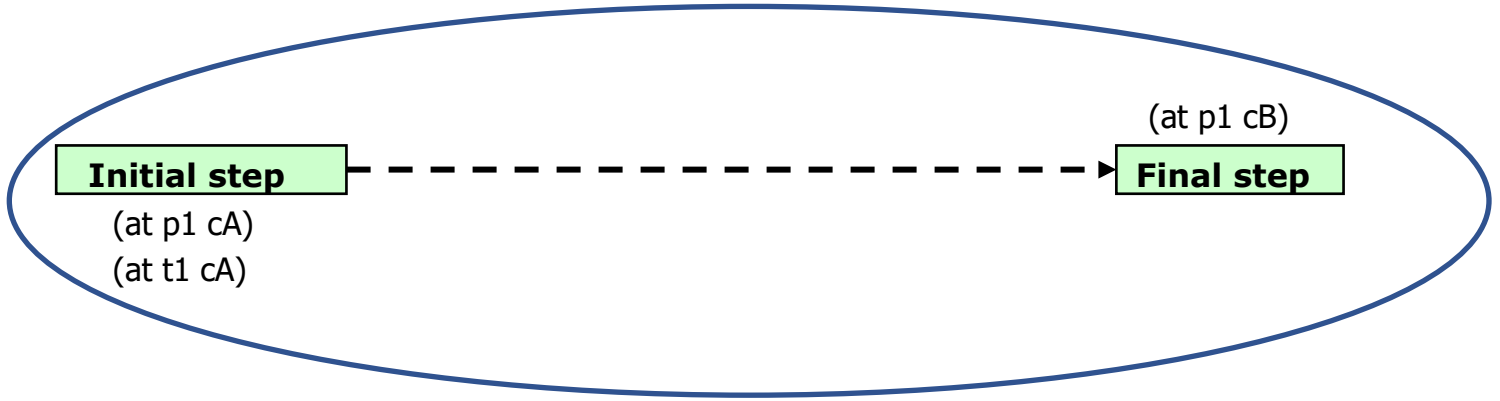

(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)



flaws:

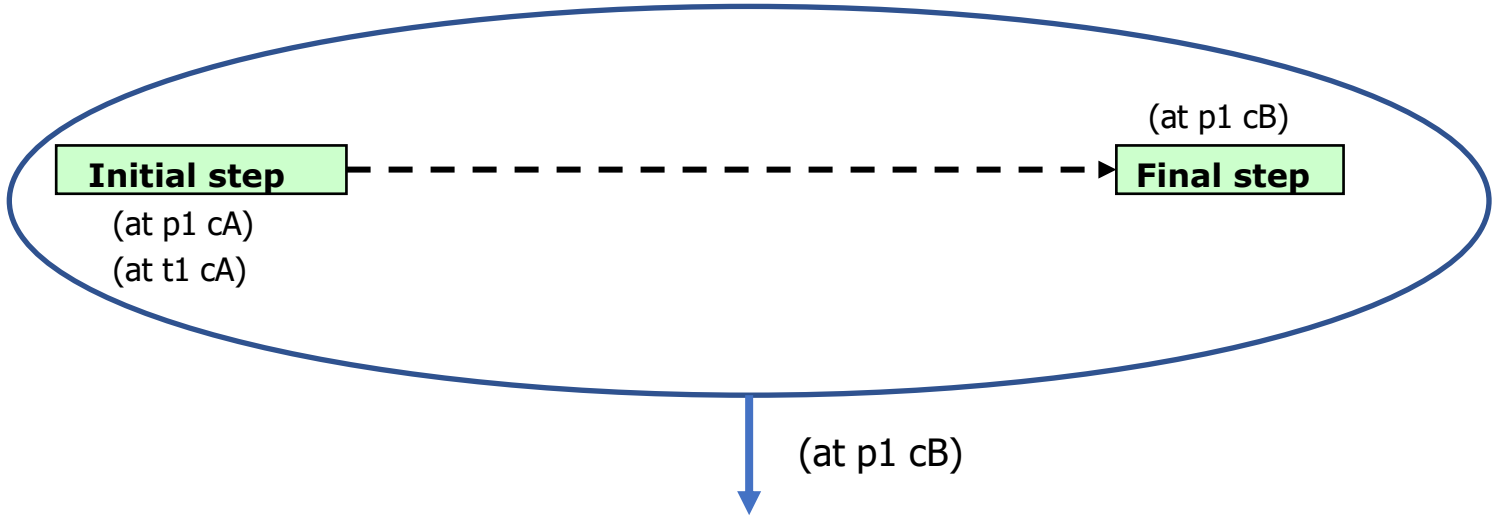
- open goals: (at p1 cB)



(at p1 cB)

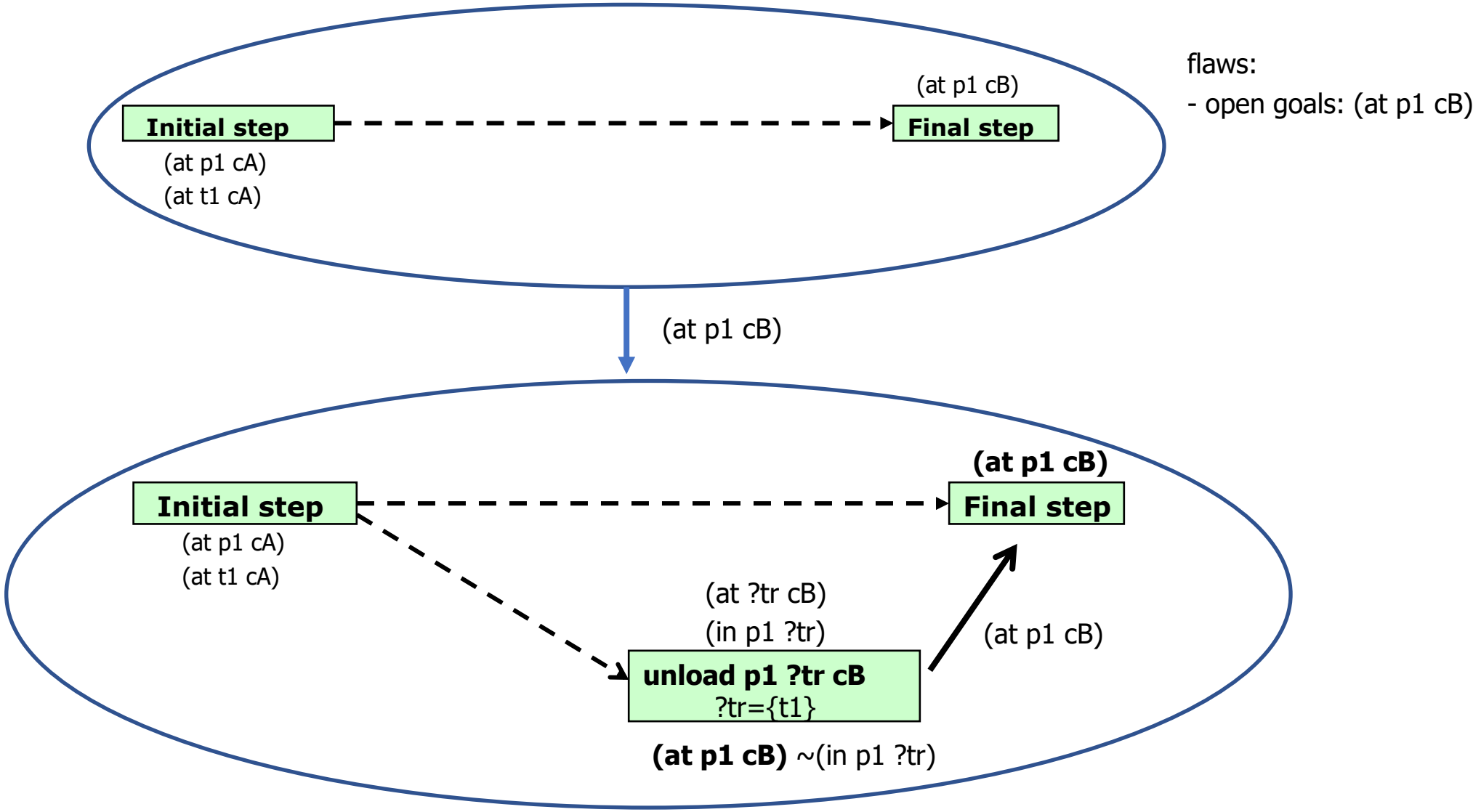
flaws:

- open goals: (at p1 cB)



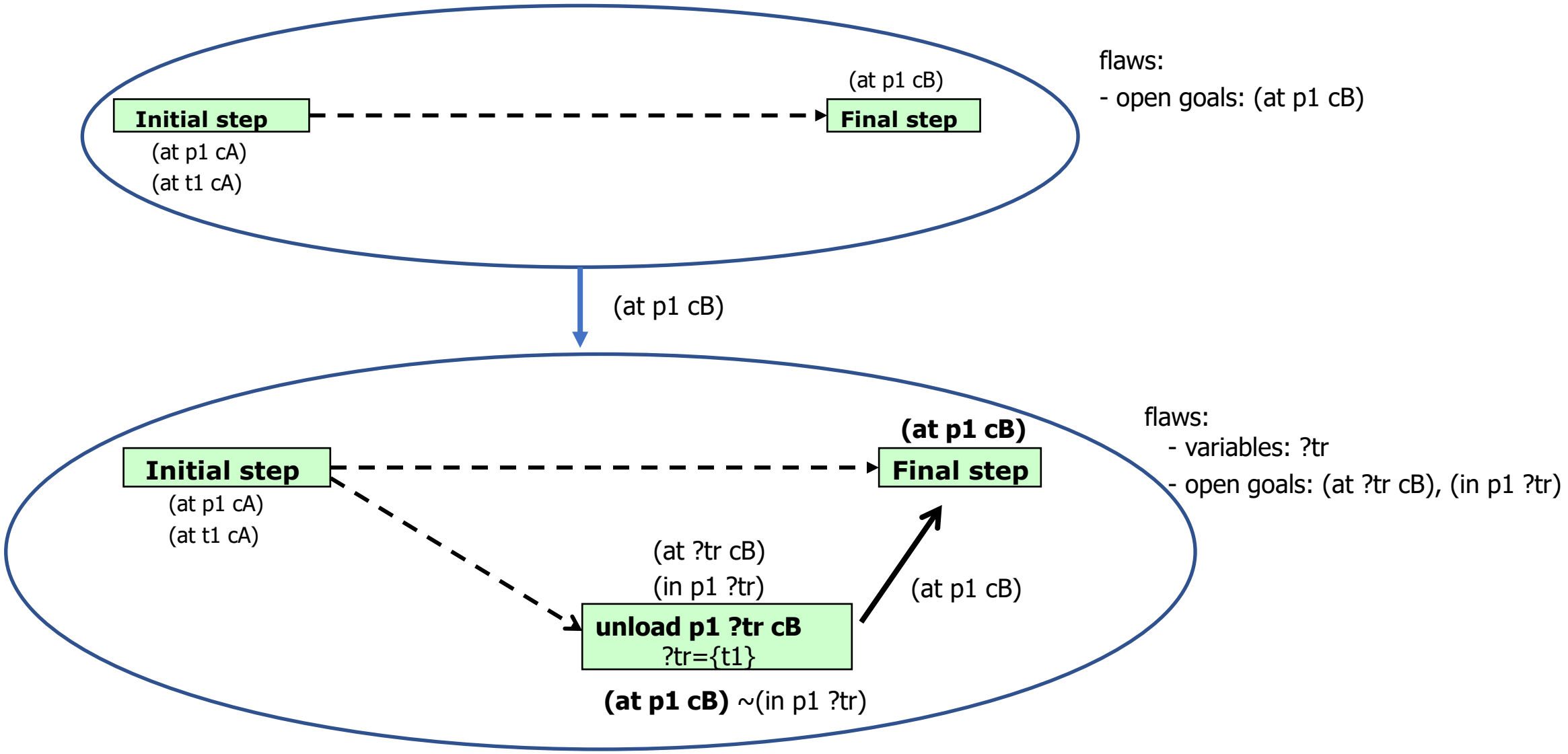
flaws:

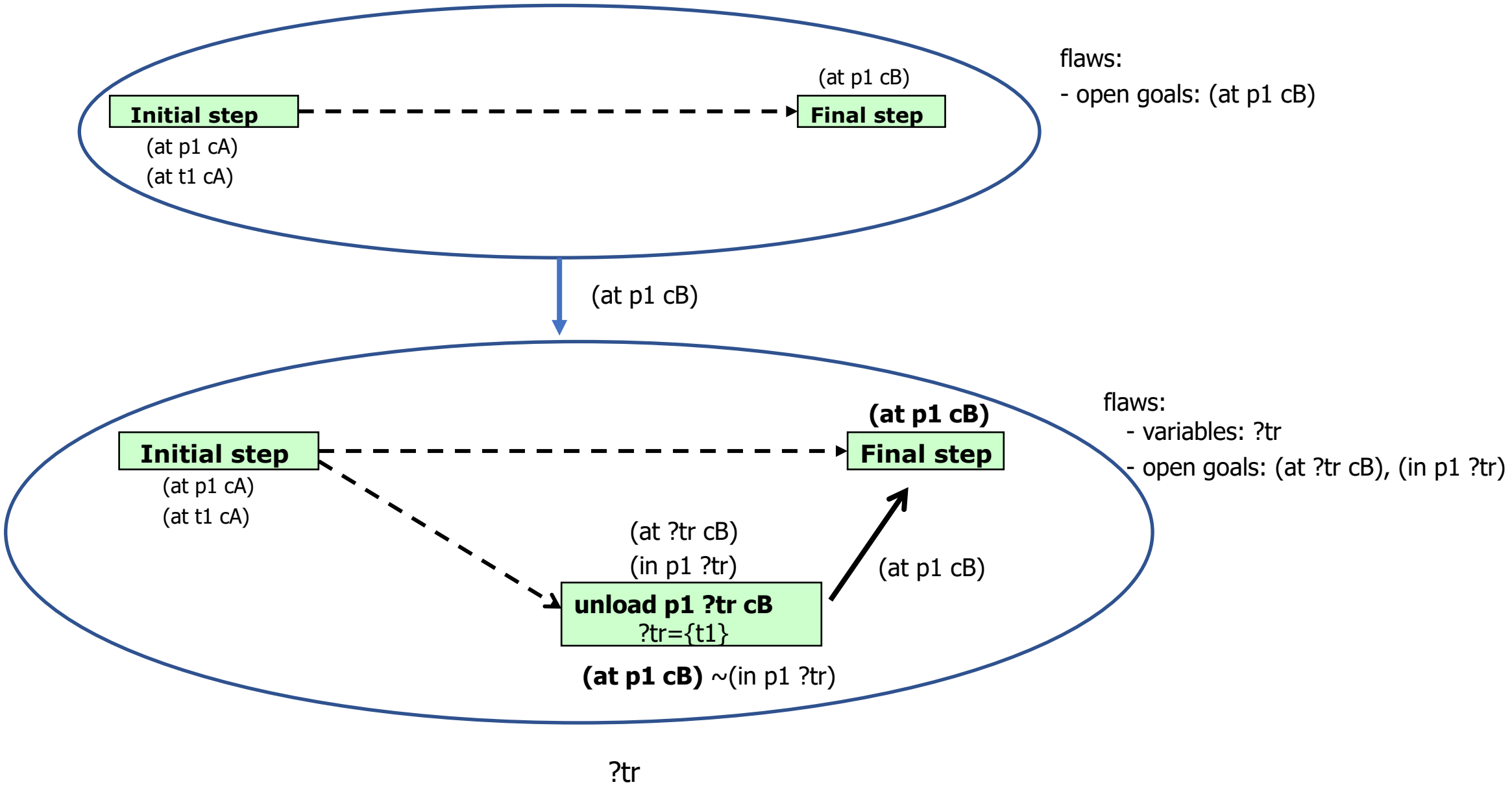
- open goals: (at p1 cB)

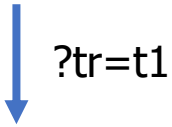


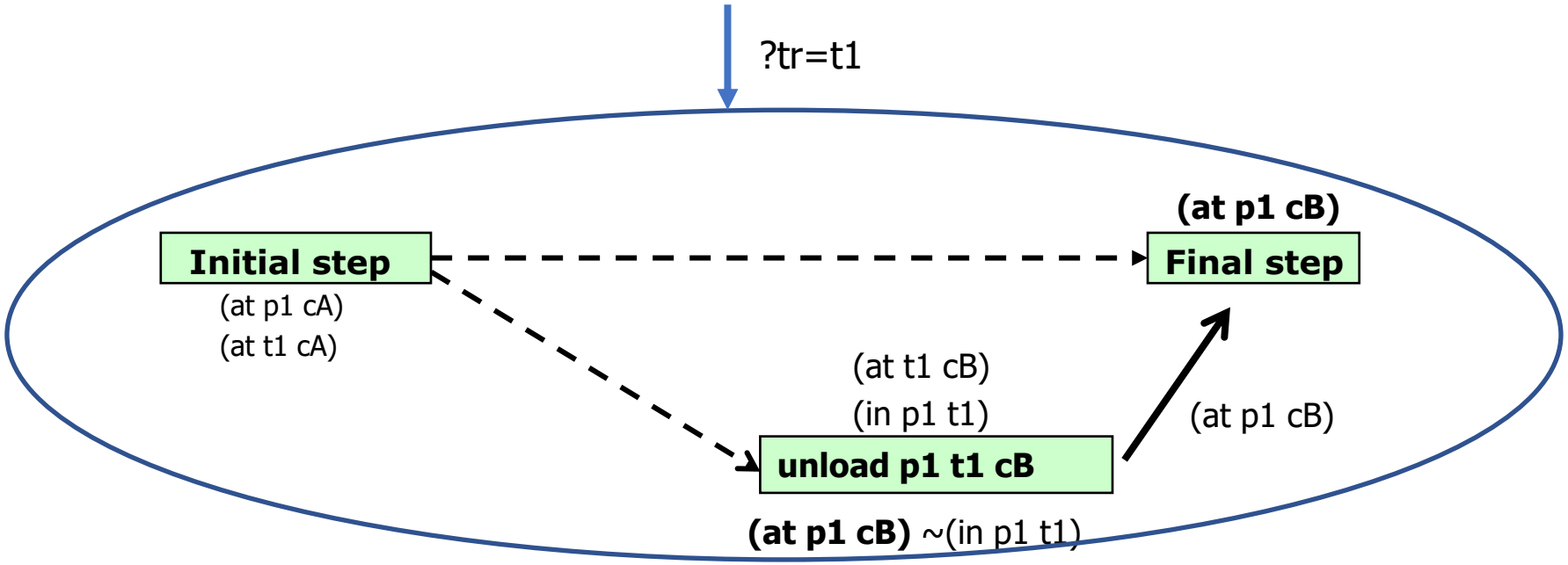
flaws:

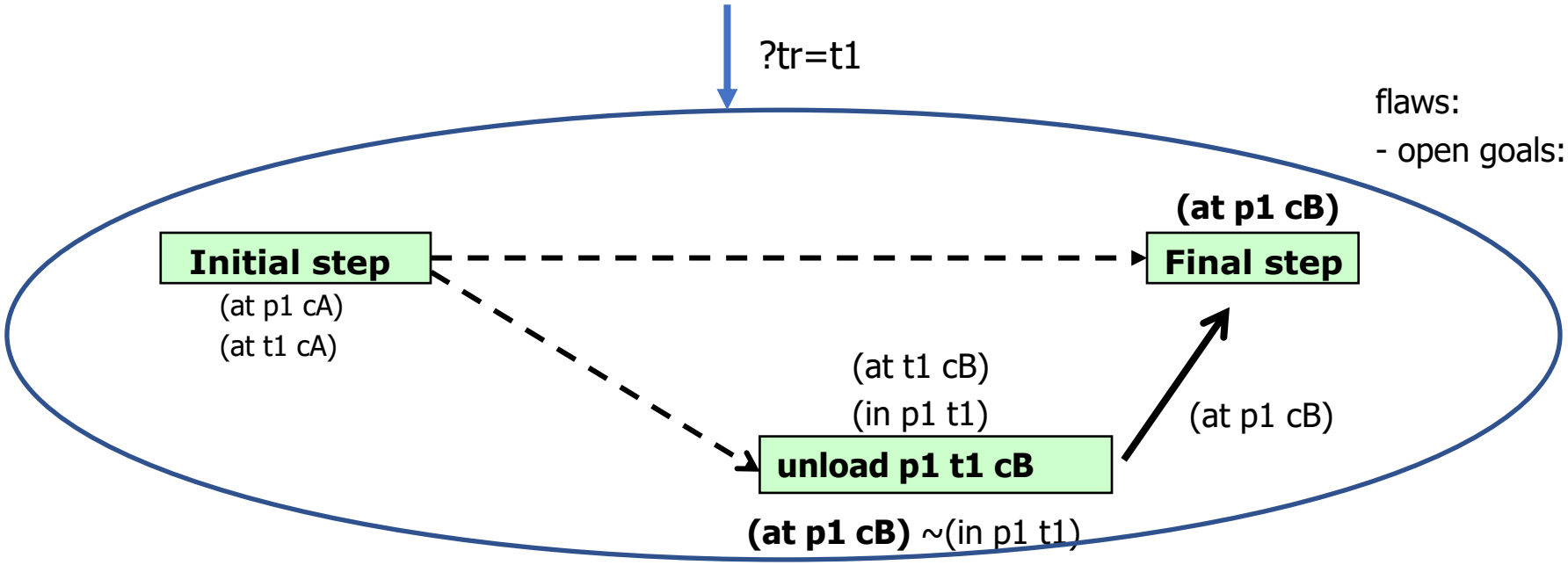
- open goals: (at p1 cB)

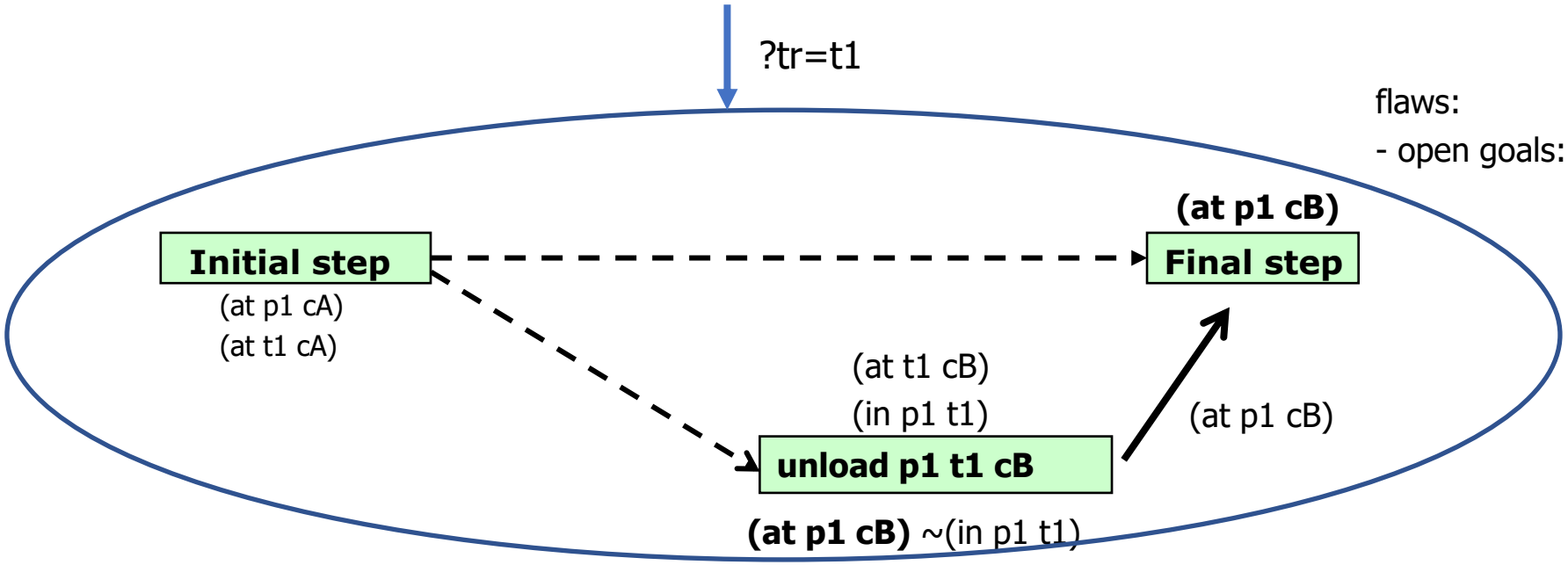

Initial step
(at p1 cA)
(at t1 cA)
(at p1 cB)
Final step
flaws:
- open goals: (at p1 cB)
(at p1 cB)
Initial step
(at p1 cA)
(at t1 cA)
(at p1 cB)
Final step
flaws:
- variables: ?tr
- open goals: (at ?tr cB), (in p1 ?tr)
(at ?tr cB)
(in p1 ?tr)
unload p1 ?tr cB
?tr={t1}
(at p1 cB)
(at p1 cB) ~(in p1 ?tr)

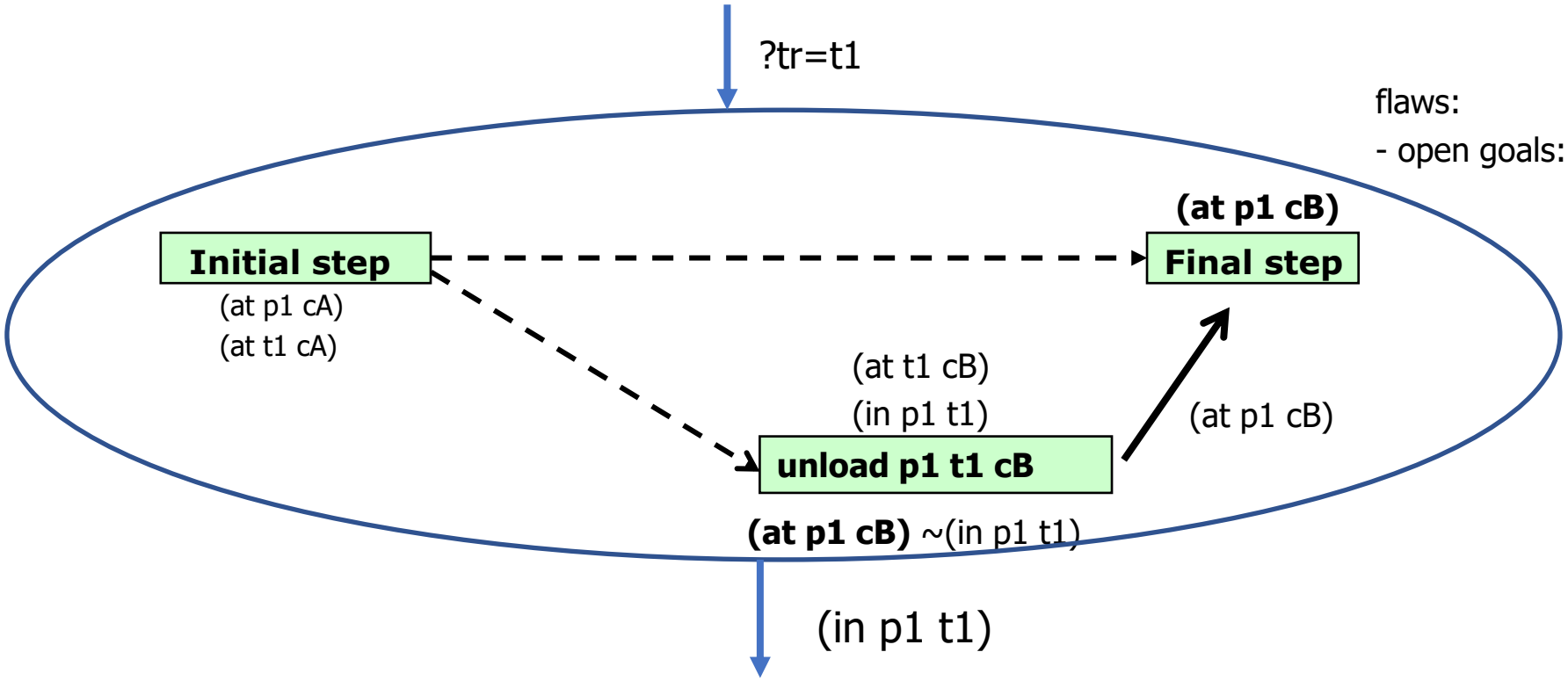

Initial step
(at p1 cA)
(at t1 cA)
(at p1 cB)
Final step
flaws:
- open goals: (at p1 cB)
(at p1 cB)
Initial step
(at p1 cA)
(at t1 cA)
(at p1 cB)
Final step
flaws:
- variables: ?tr
- open goals: (at ?tr cB), (in p1 ?tr)
(at ?tr cB)
(in p1 ?tr)
unload p1 ?tr cB
?tr={t1}
(at p1 cB)
(at p1 cB) ~(in p1 ?tr)
?tr

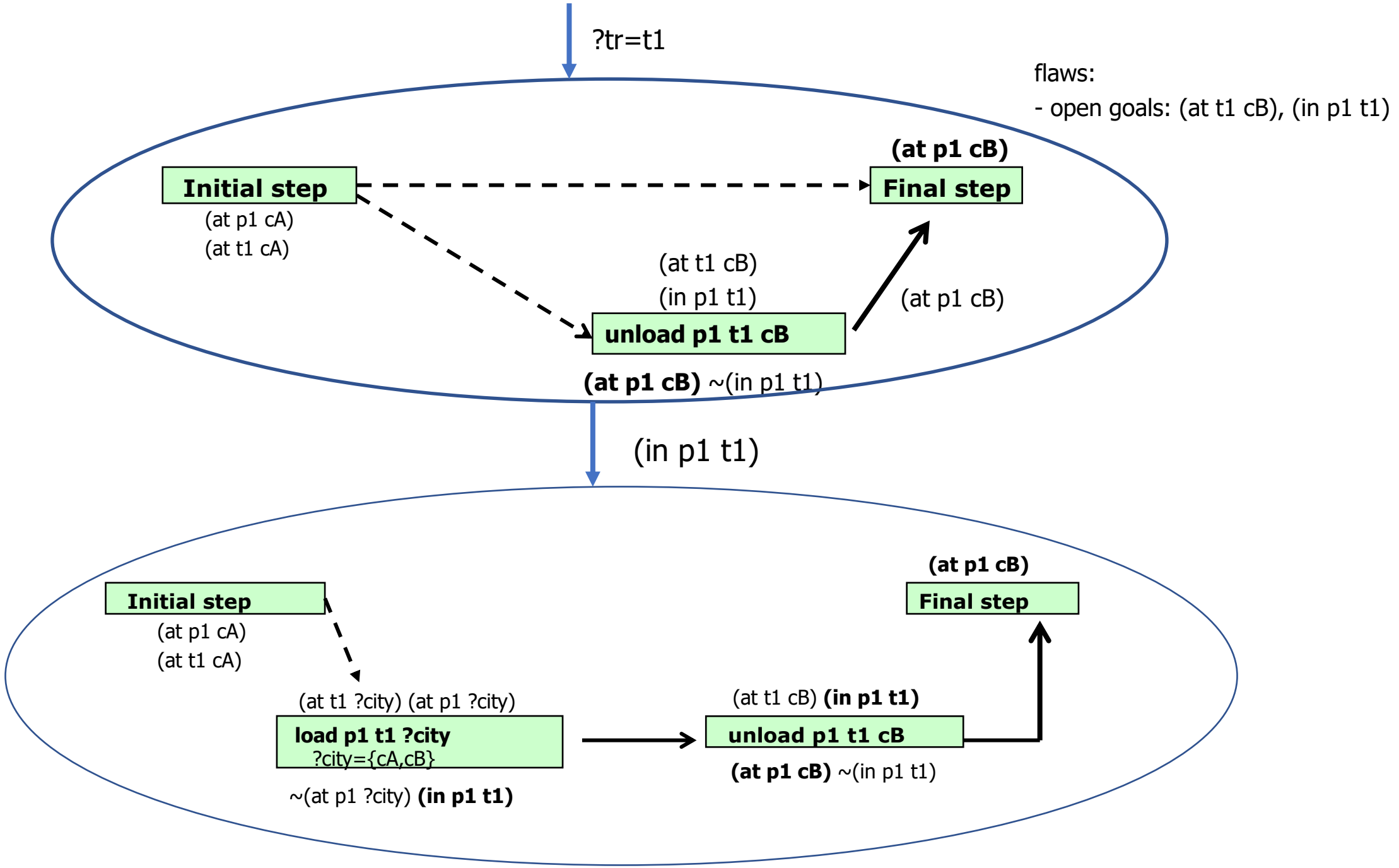

?tr=t1

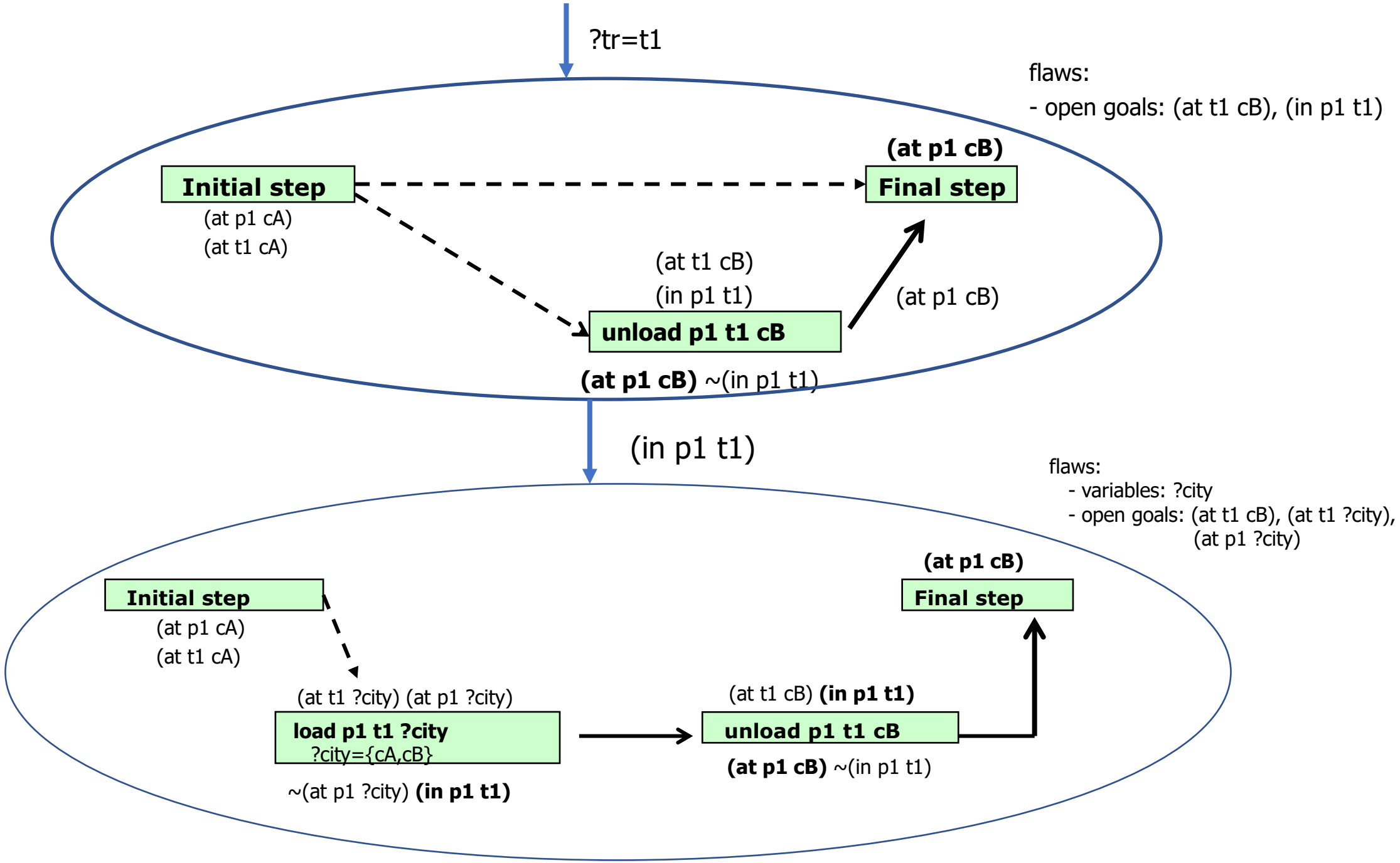

?tr=t1
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 cB)
(in p1 t1)
(at p1 cB)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)

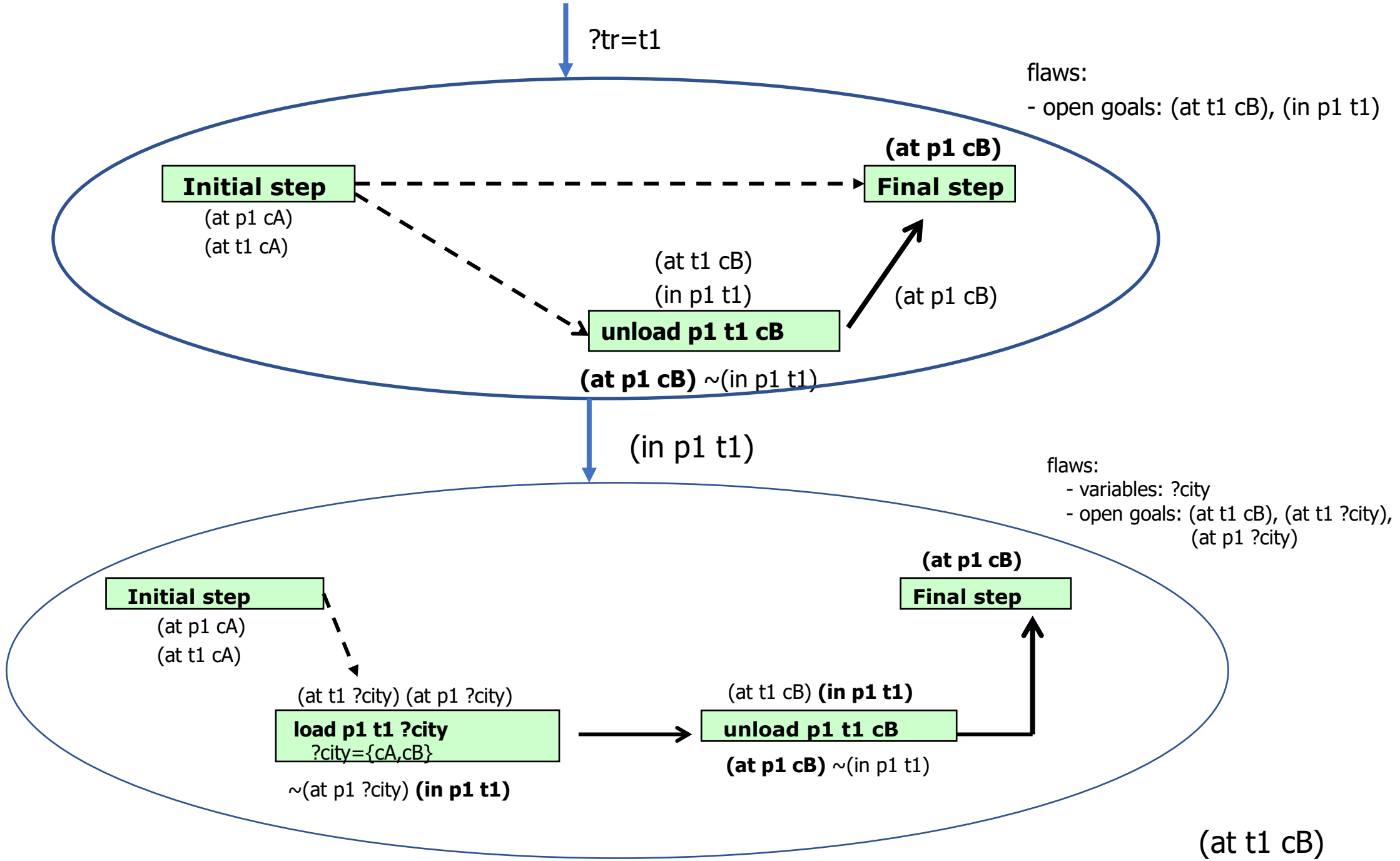

?tr=t1
flaws:
- open goals: (at t1 cB), (in p1 t1)
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 cB)
(in p1 t1)
(at p1 cB)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)

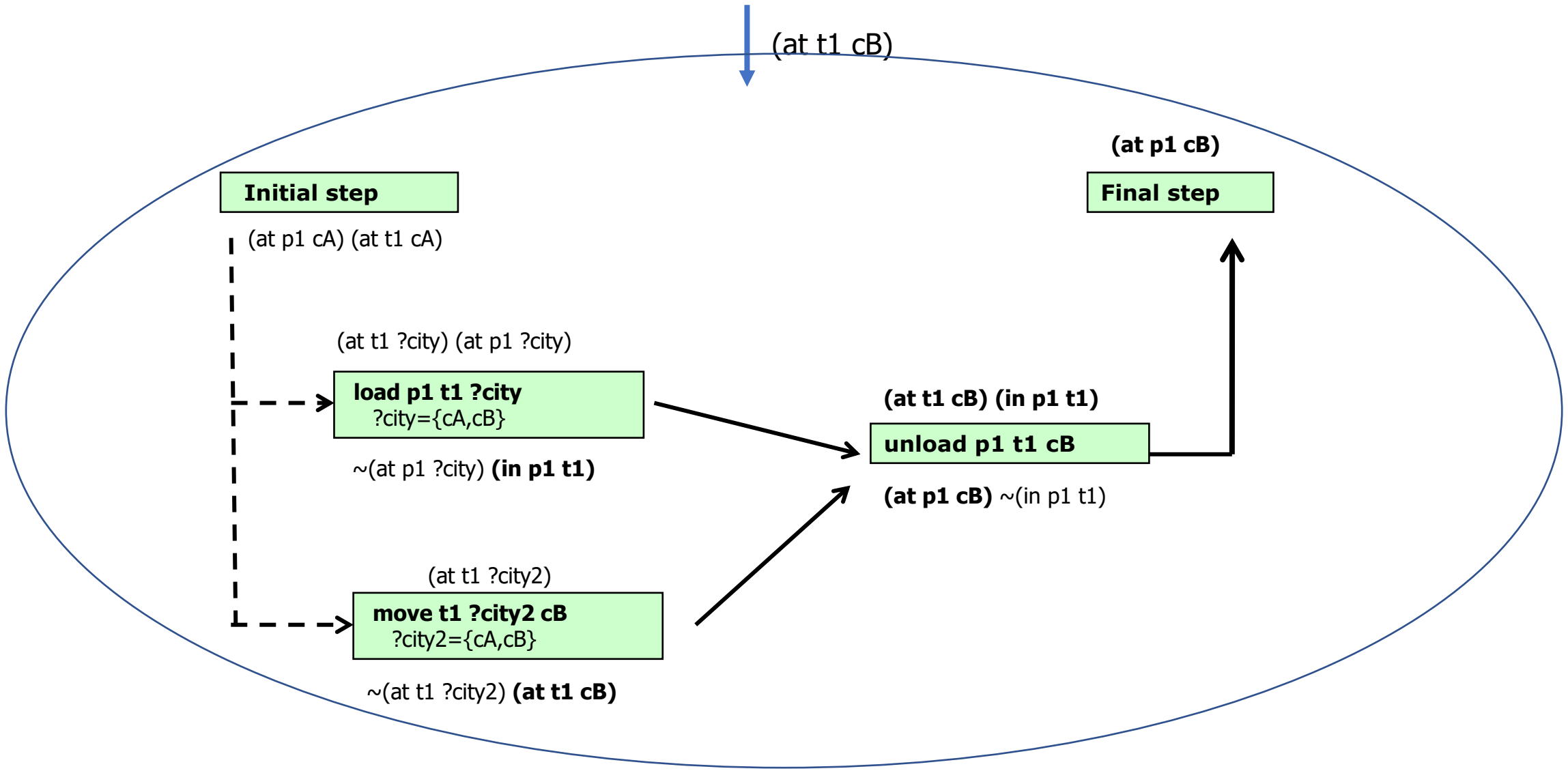

?tr=t1
flaws:
- open goals: (at t1 cB), (in p1 t1)
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 cB)
(in p1 t1)
(at p1 cB)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(in p1 t1)

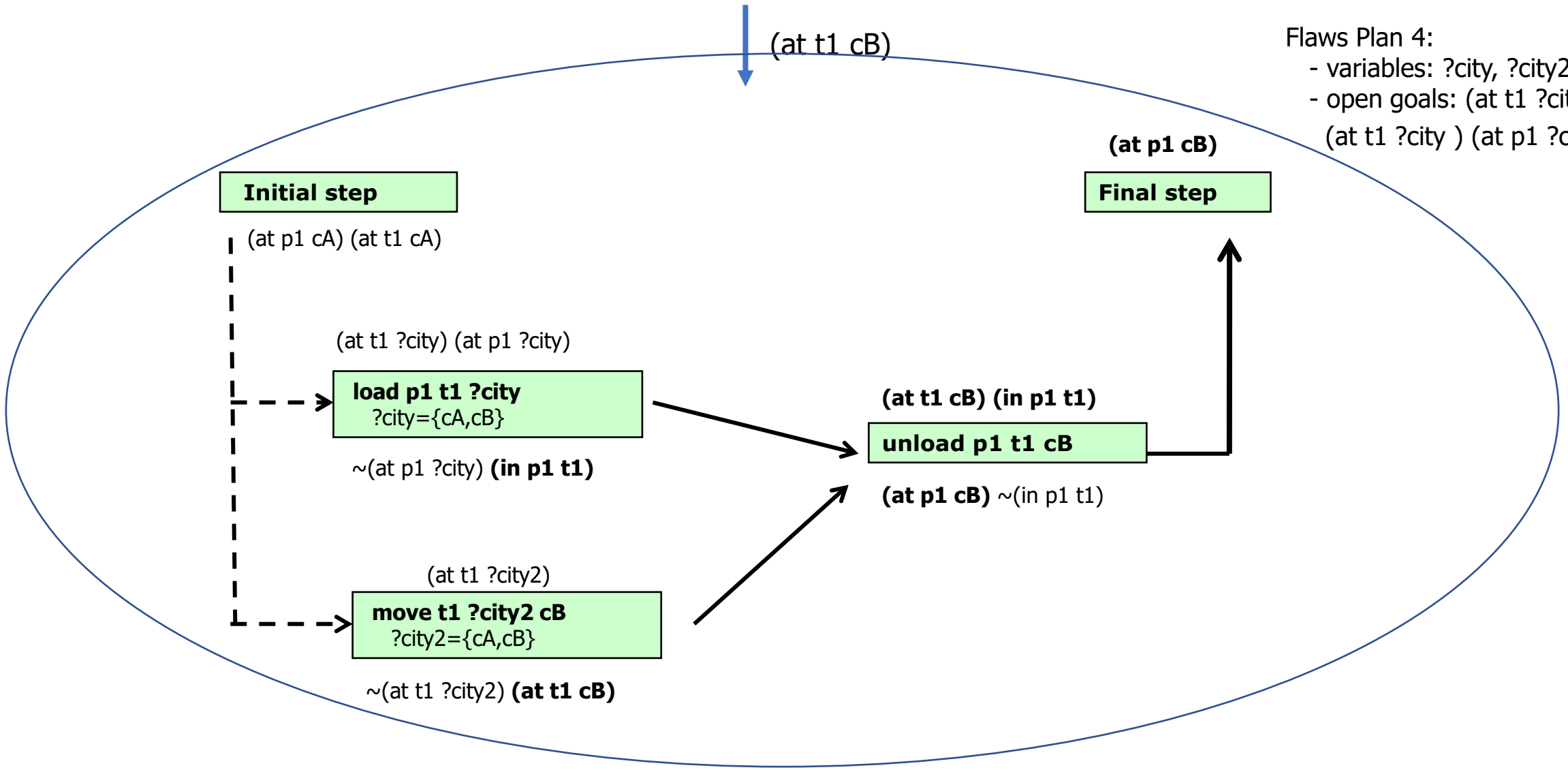

?tr=t1
flaws:
- open goals: (at t1 cB), (in p1 t1)
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 cB)
(in p1 t1)
(at p1 cB)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(in p1 t1)


?tr=t1
flaws:
- open goals: (at t1 cB), (in p1 t1)
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 cB)
(in p1 t1)
(at p1 cB)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(in p1 t1)
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 ?city) (at p1 ?city)
(at t1 cB) (in p1 t1)
load p1 t1 ?city
?city={cA,cB}
unload p1 t1 cB
~(at p1 ?city) (in p1 t1)
(at p1 cB) ~(in p1 t1)

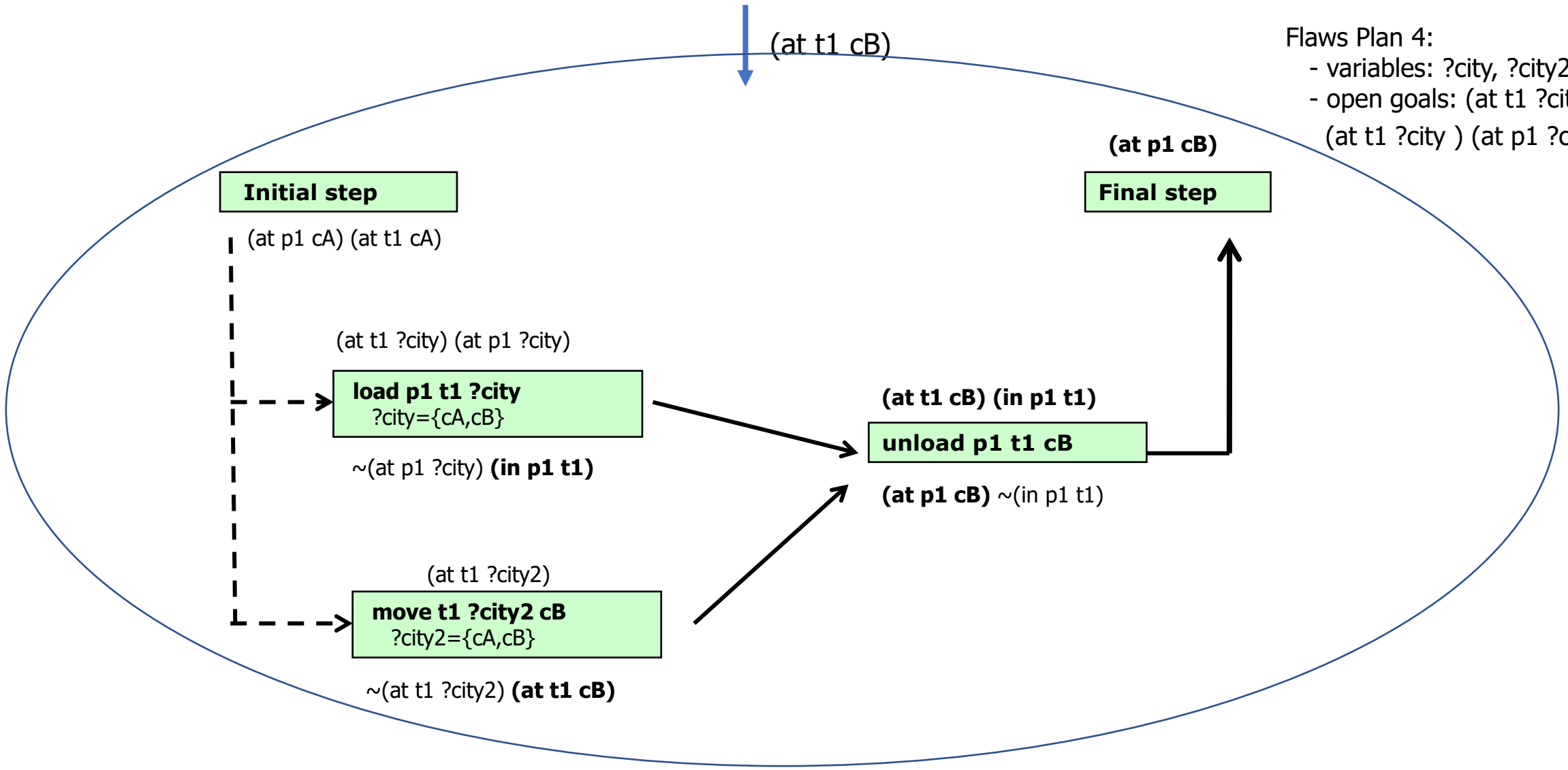

?tr=t1
flaws:
- open goals: (at t1 cB), (in p1 t1)
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 cB)
(in p1 t1)
(at p1 cB)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(in p1 t1)
flaws:
- variables: ?city
- open goals: (at t1 cB), (at t1 ?city),
(at p1 ?city)
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 ?city) (at p1 ?city)
load p1 t1 ?city
?city={cA,cB}
~(at p1 ?city) (in p1 t1)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)


?tr=t1
flaws:
- open goals: (at t1 cB), (in p1 t1)
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 cB)
(in p1 t1)
(at p1 cB)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(in p1 t1)
flaws:
- variables: ?city
- open goals: (at t1 cB), (at t1 ?city),
(at p1 ?city)
(at p1 cB)
Initial step
Final step
(at p1 cA)
(at t1 cA)
(at t1 ?city) (at p1 ?city)
(at t1 cB) (in p1 t1)
load p1 t1 ?city
?city={cA,cB}
unload p1 t1 cB
~(at p1 ?city) (in p1 t1)
(at p1 cB) ~(in p1 t1)
(at t1 cB)


(at t1 cB)
(at p1 cB)
Initial step
Final step
(at p1 cA) (at t1 cA)
(at t1 ?city) (at p1 ?city)
load p1 t1 ?city
?city={cA,cB}
~(at p1 ?city) (in p1 t1)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(at t1 ?city2)
move t1 ?city2 cB
?city2={cA,cB}
~(at t1 ?city2) (at t1 cB)

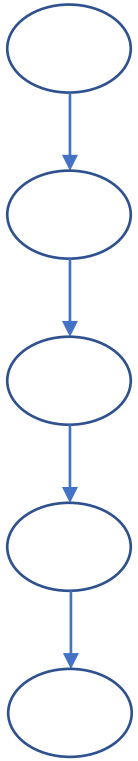


Flaws Plan 4:
- variables: ?city, ?city2
- open goals: (at t1 ?city2), (at t1 ?city) (at p1 ?city)

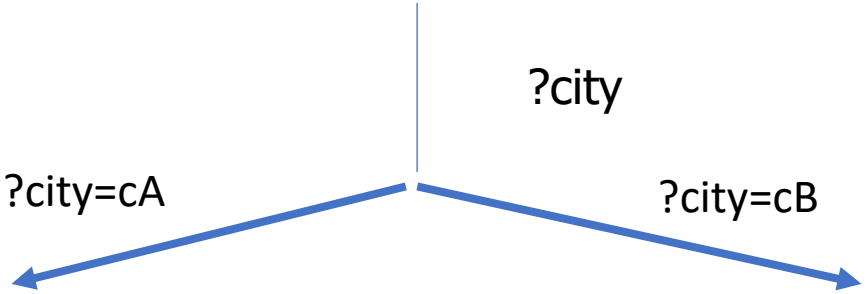


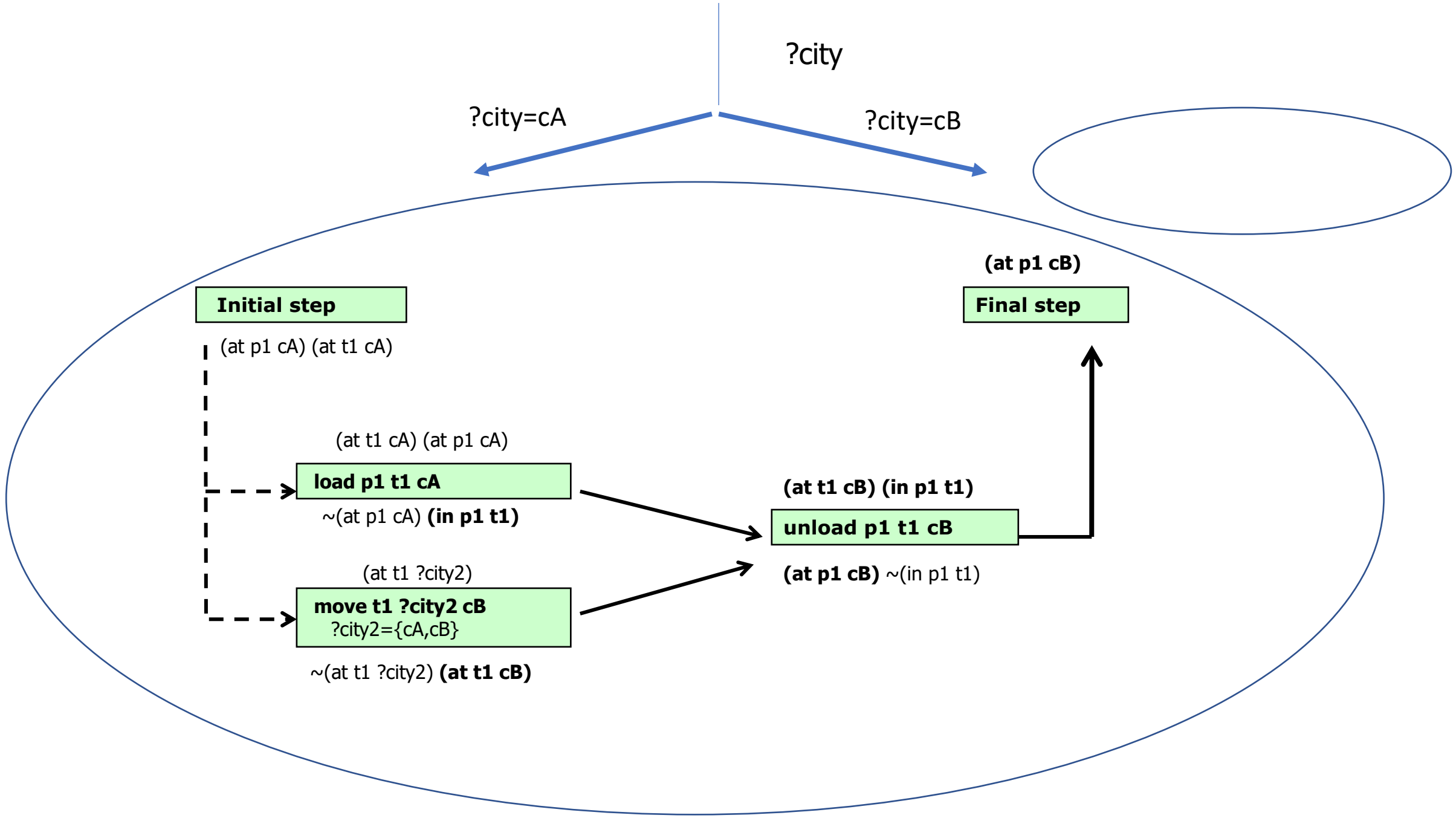
Flaws Plan 4:
- variables: ?city, ?city2
- open goals: (at t1 ?city2),
(at t1 ?city) (at p1 ?city)

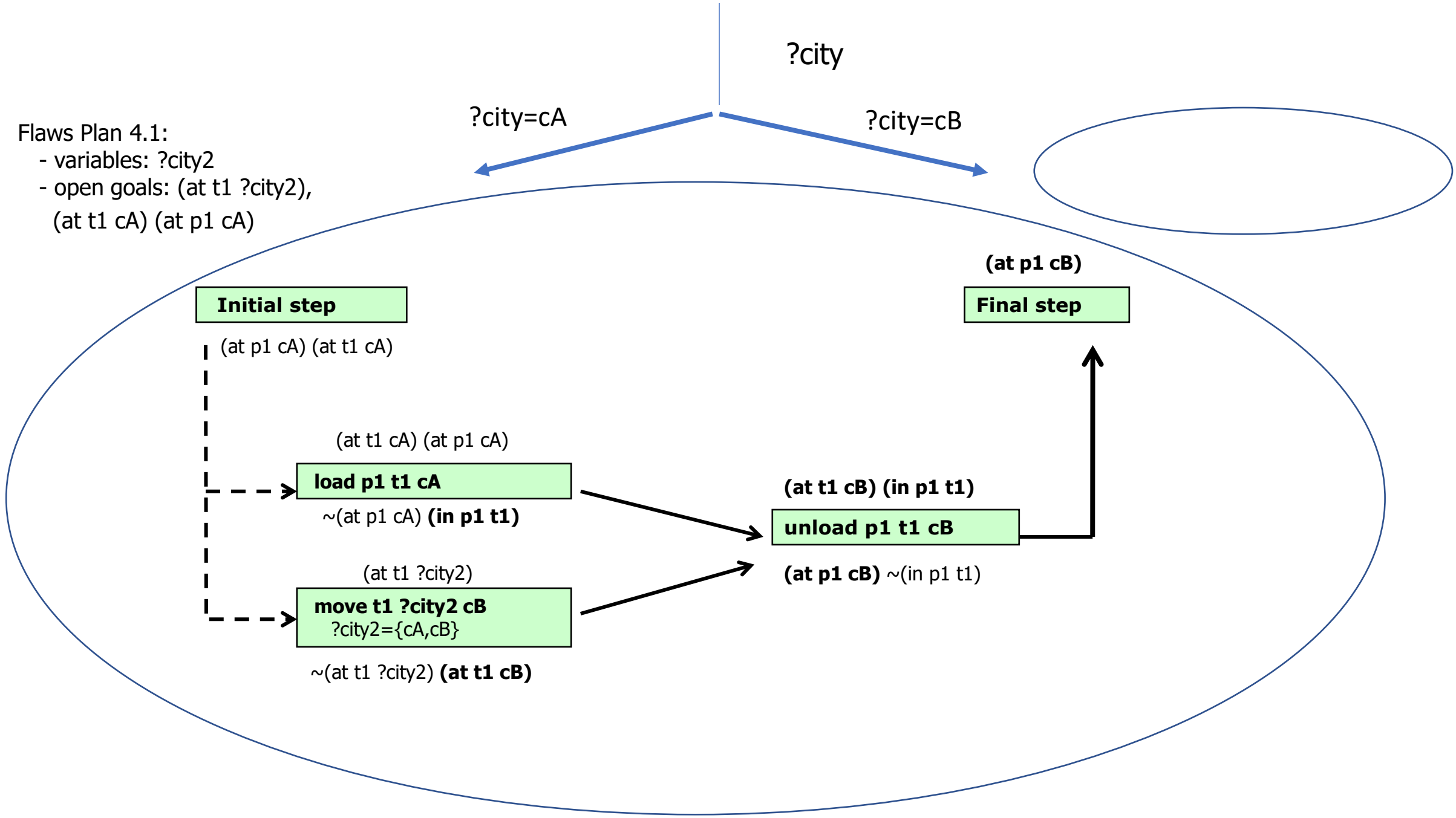
?city

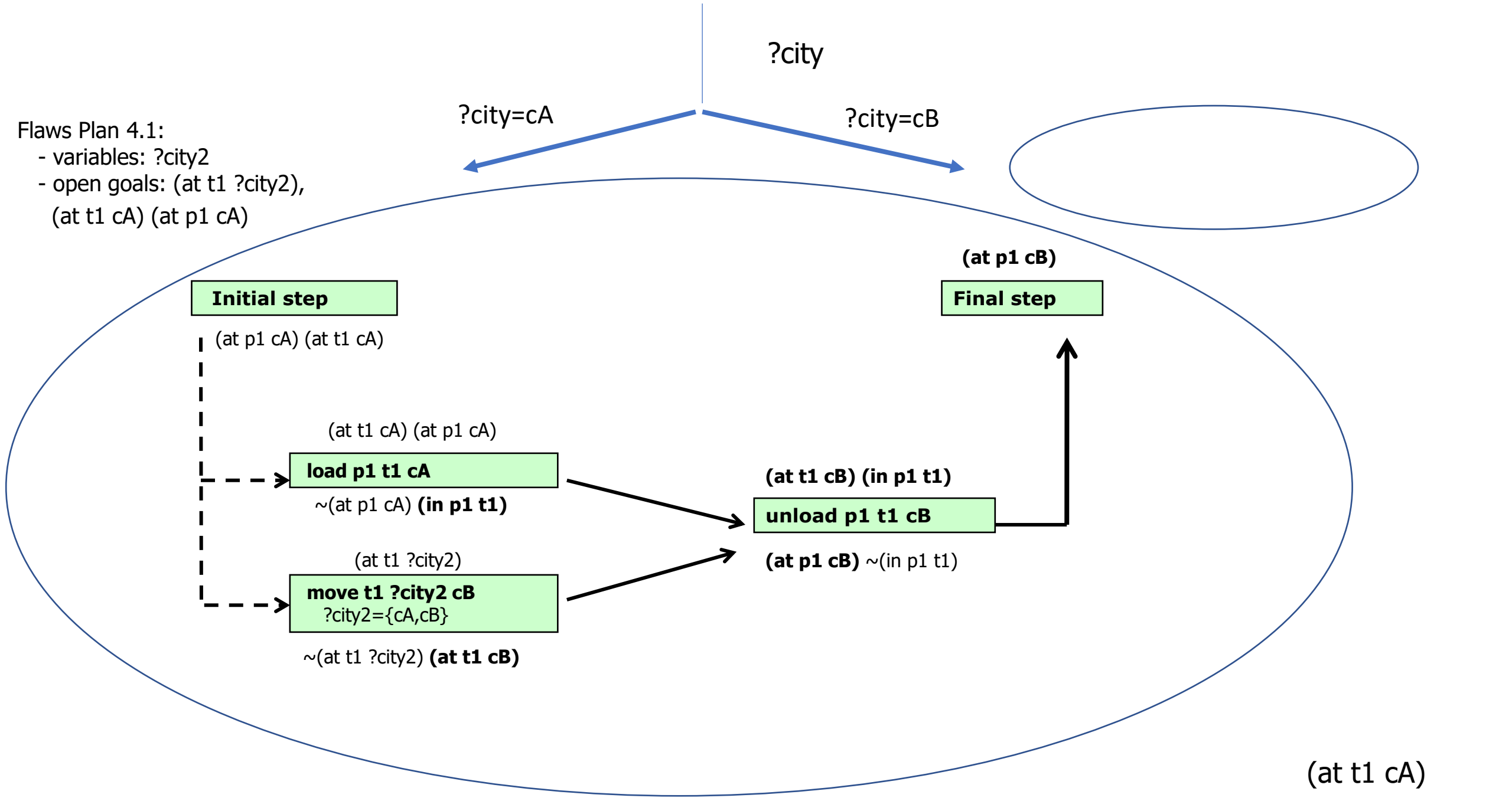


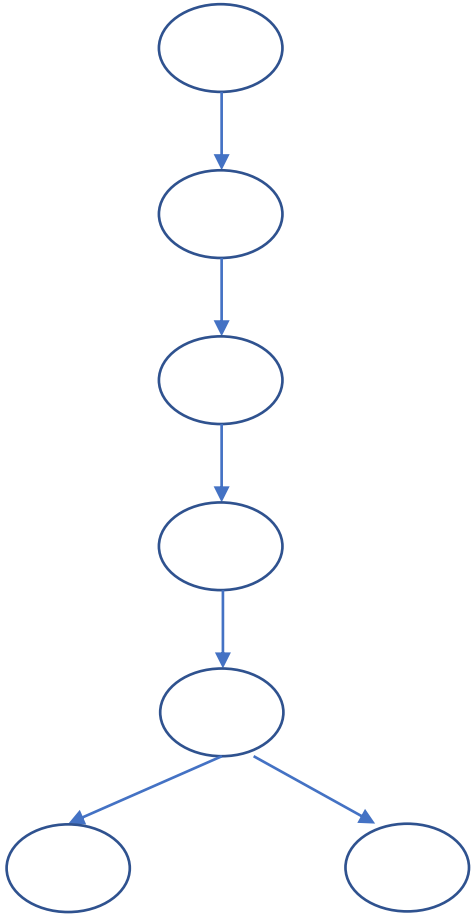
?city


?city
?city=cA
?city=cB

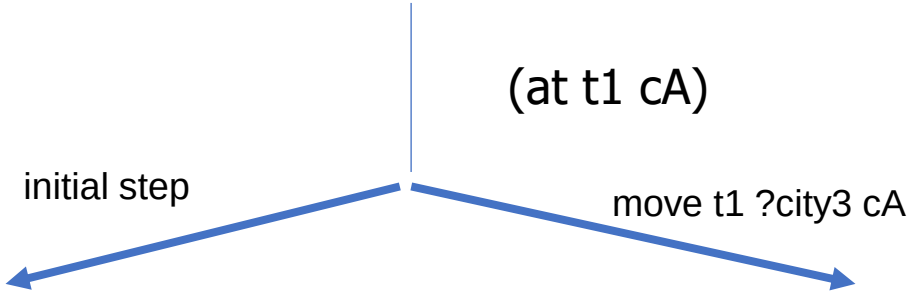

?city
?city=cA
?city=cB
(at p1 cB)
Initial step
Final step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(at t1 ?city2)
move t1 ?city2 cB
?city2={cA,cB}
~(at t1 ?city2) (at t1 cB)

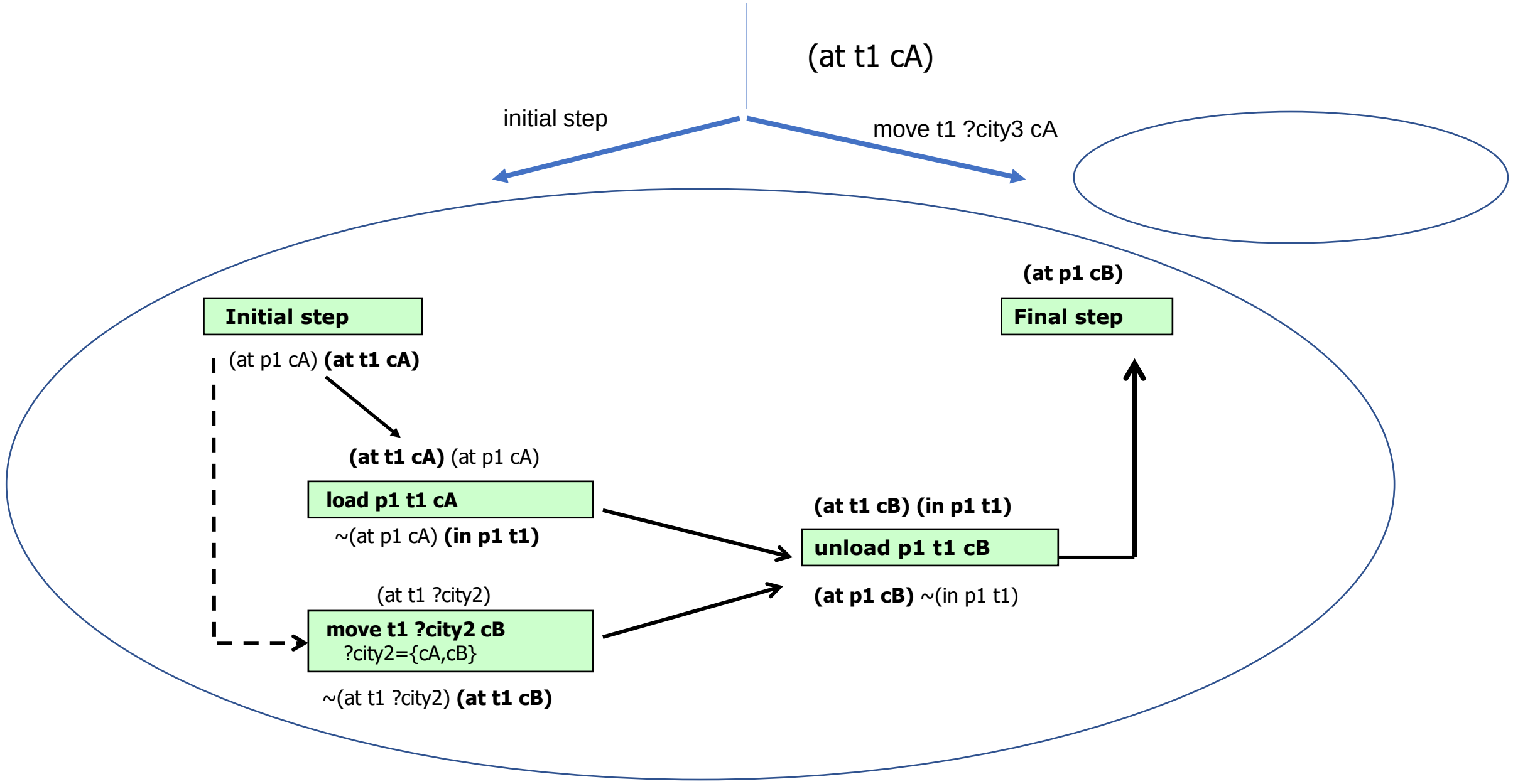

?city
?city=cA
?city=cB
Flaws Plan 4.1:
- variables: ?city2
- open goals: (at t1 ?city2),
(at t1 cA) (at p1 cA)
(at p1 cB)
Initial step
Final step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(at t1 ?city2)
move t1 ?city2 cB
?city2={cA,cB}
~(at t1 ?city2) (at t1 cB)

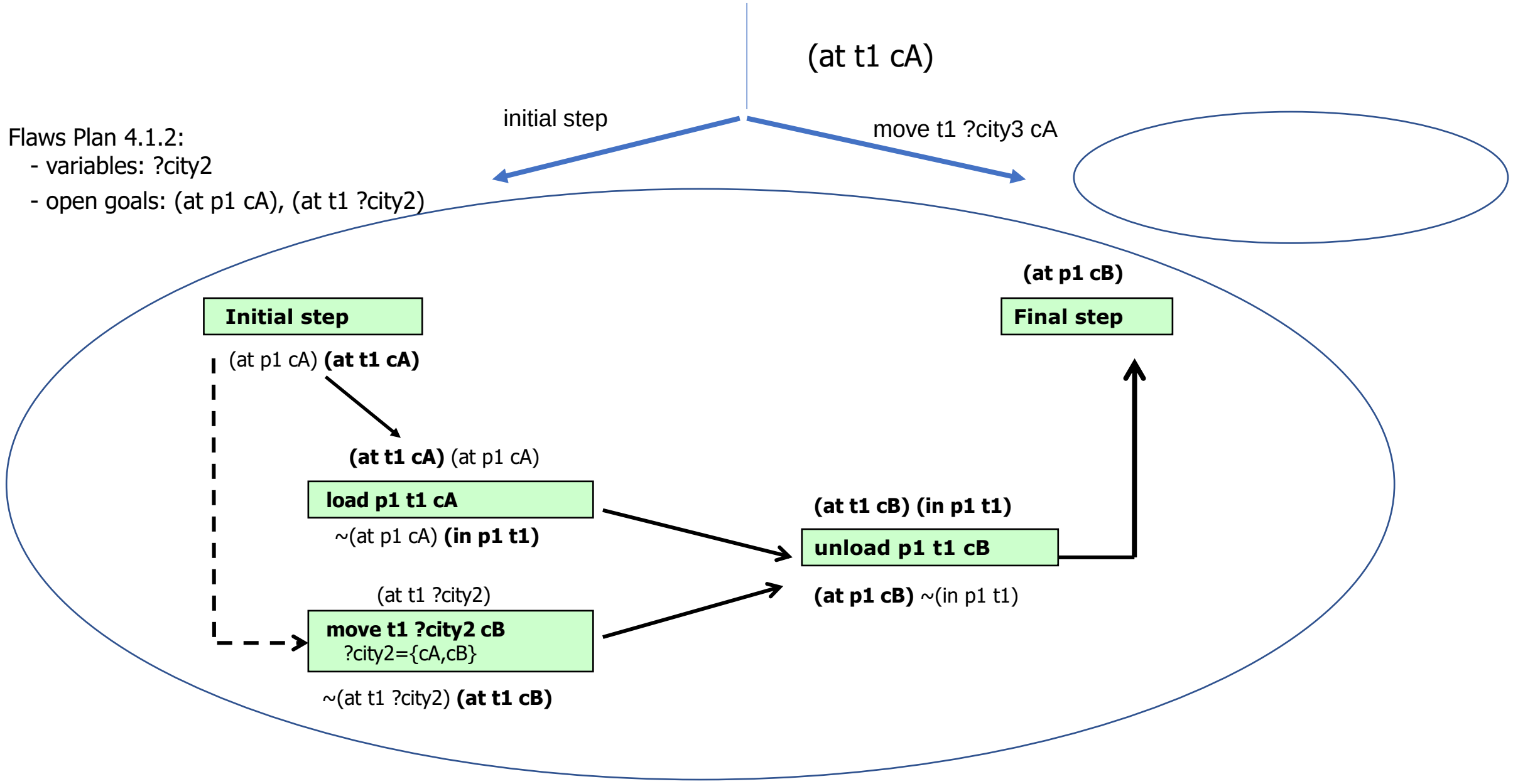

?city
?city=cA
?city=cB
Flaws Plan 4.1:
- variables: ?city2
- open goals: (at t1 ?city2),
(at t1 cA) (at p1 cA)
(at p1 cB)
Initial step
Final step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(at t1 ?city2)
move t1 ?city2 cB
?city2={cA,cB}
~(at t1 ?city2) (at t1 cB)
(at t1 cA)

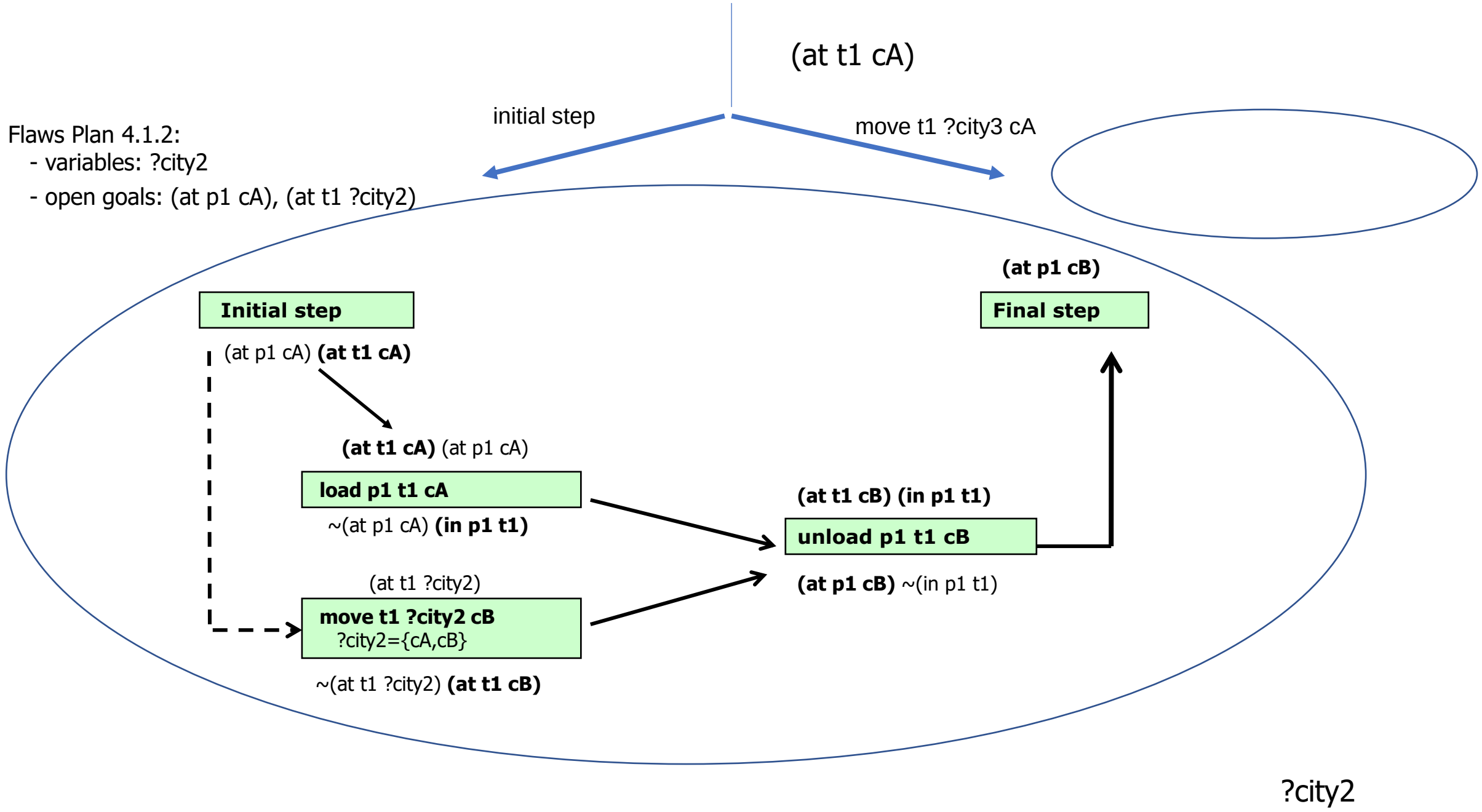


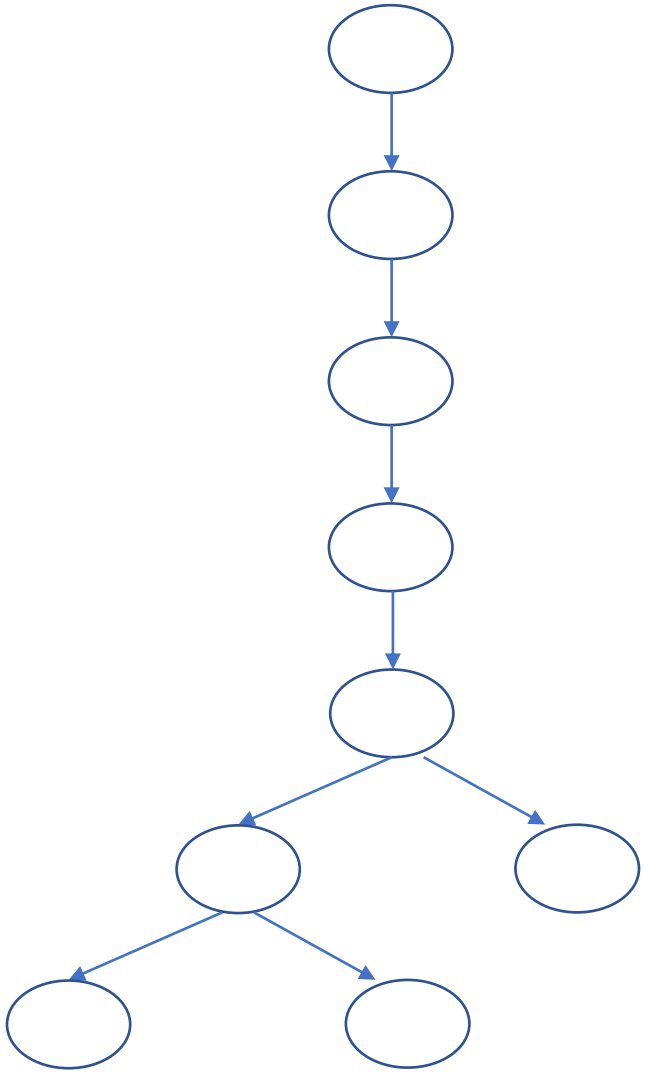
(at t1 cA)

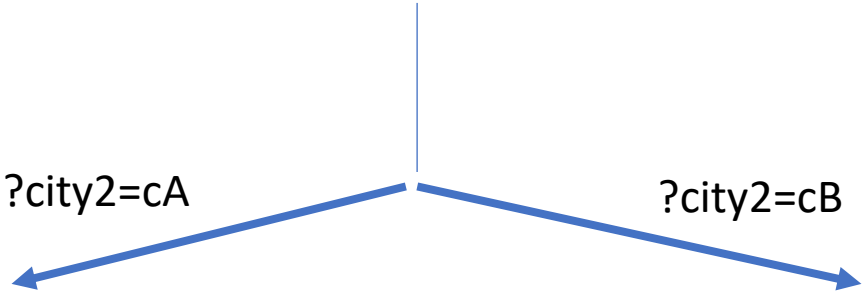

(at t1 cA)
initial step
move t1 ?city3 cA

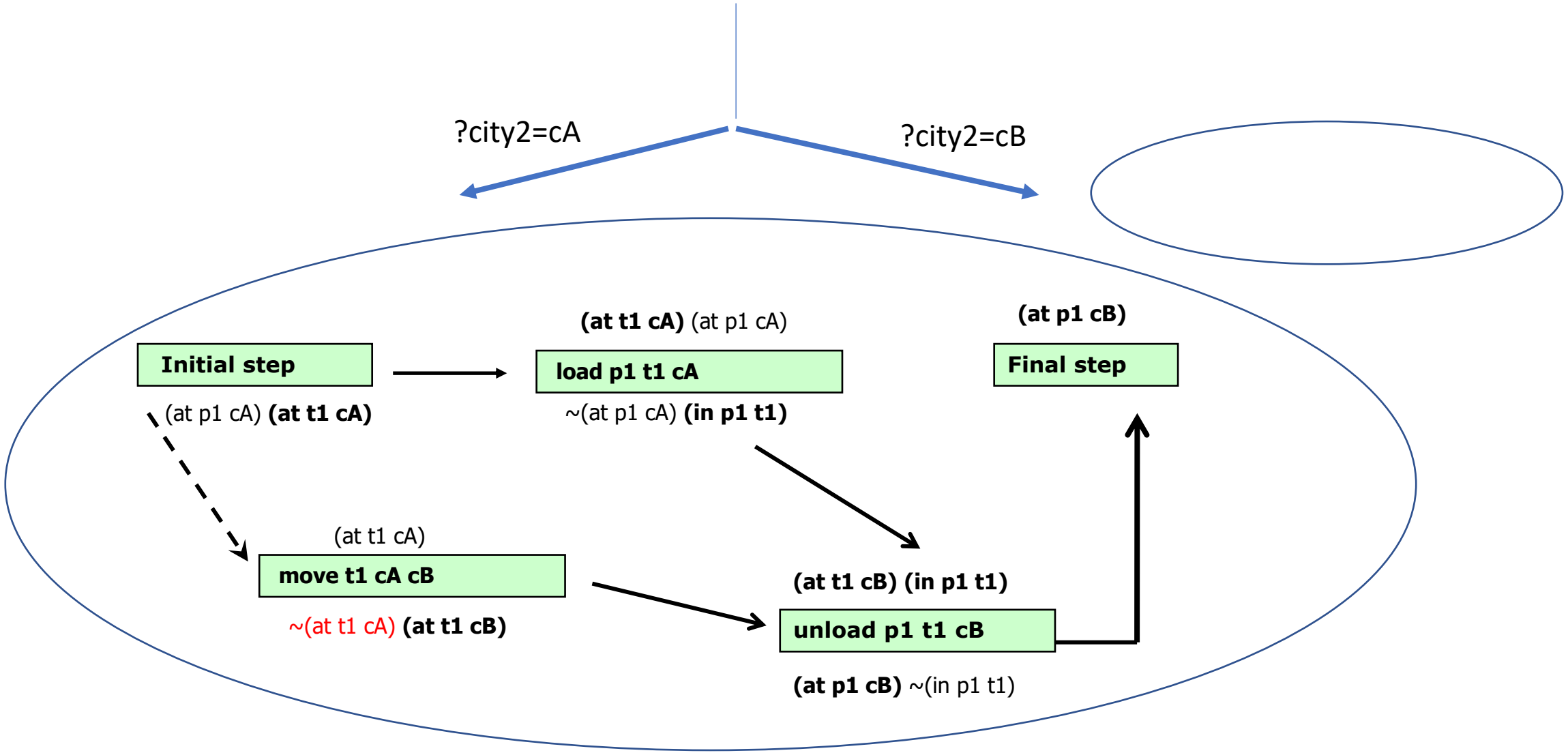

(at t1 cA)
initial step
move t1 ?city3 cA
(at p1 cB)
Initial step
Final step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(at t1 ?city2)
move t1 ?city2 cB
?city2={cA,cB}
~(at t1 ?city2) (at t1 cB)


(at t1 cA)
initial step
move t1 ?city3 cA
Flaws Plan 4.1.2:
- variables: ?city2
- open goals: (at p1 cA), (at t1 ?city2)
(at p1 cB)
Initial step
Final step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(at t1 ?city2)
move t1 ?city2 cB
?city2={cA,cB}
~(at t1 ?city2) (at t1 cB)


(at t1 cA)
initial step
move t1 ?city3 cA
Flaws Plan 4.1.2:
- variables: ?city2
- open goals: (at p1 cA), (at t1 ?city2)
(at p1 cB)
Initial step
Final step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(at t1 ?city2)
move t1 ?city2 cB
?city2={cA,cB}
~(at t1 ?city2) (at t1 cB)
?city2



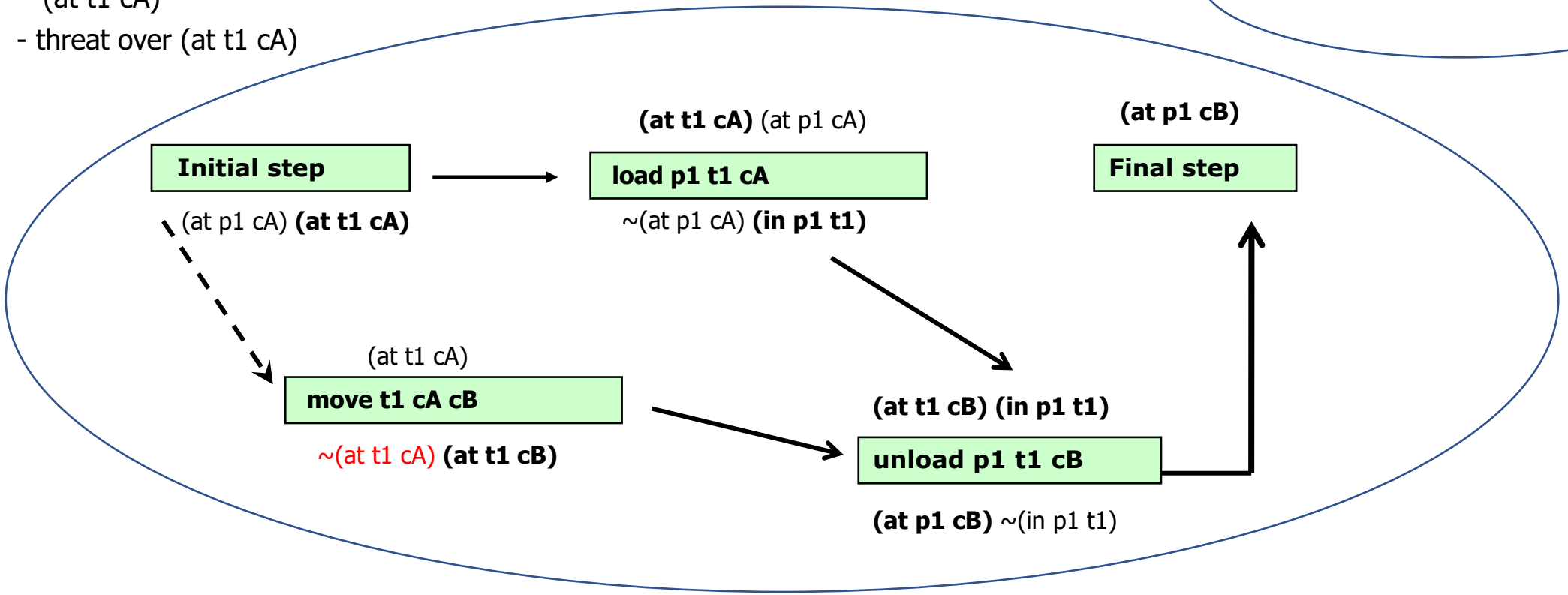

?city2=cA
?city2=cB


?city2=cA
?city2=cB
Initial step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at p1 cB)
Final step
(at t1 cA)
move t1 cA cB
~(at t1 cA) (at t1 cB)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)

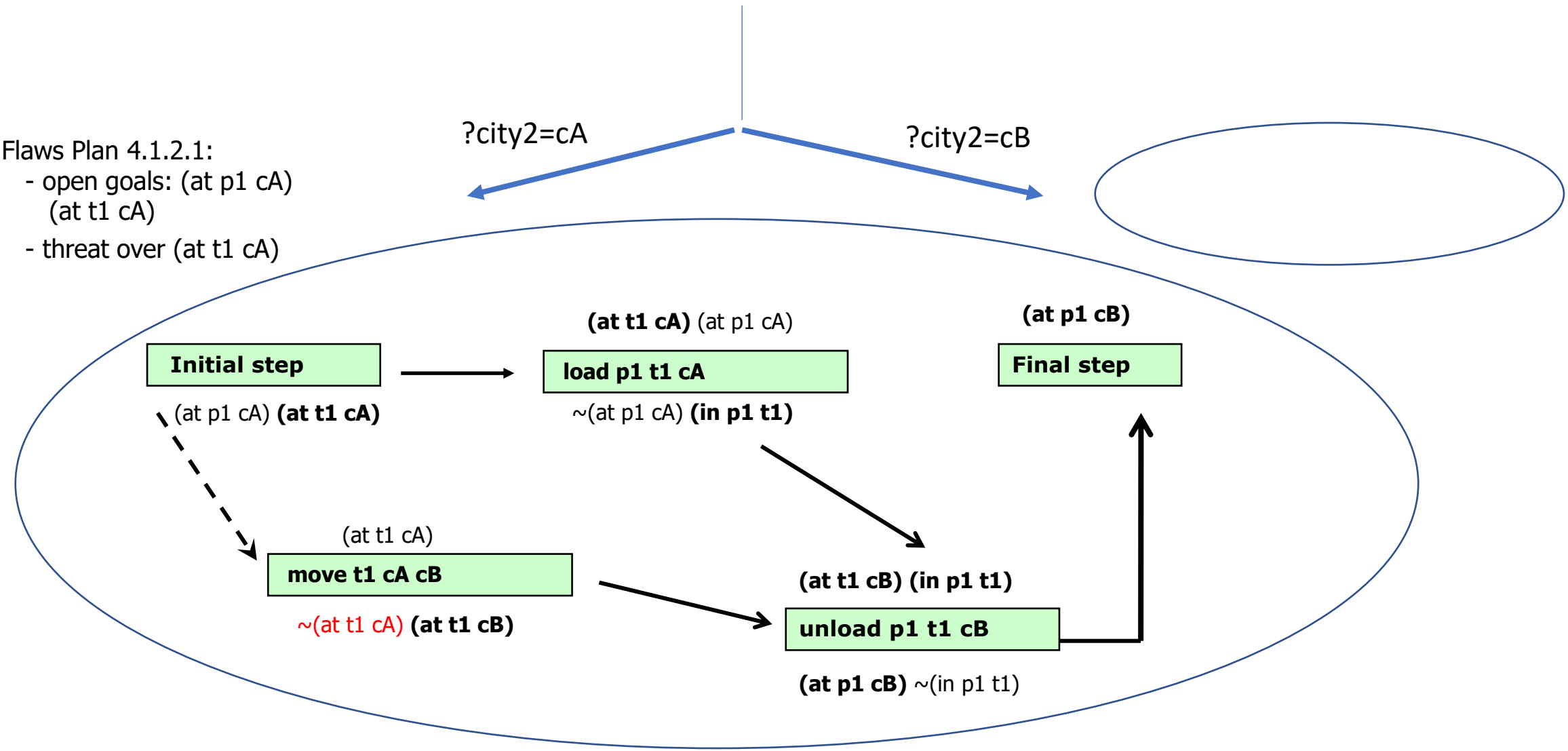
Flaws Plan 4.1.2.1:
- open goals: (at p1 cA)
  (at t1 cA)
- threat over (at t1 cA)

?city2=cA

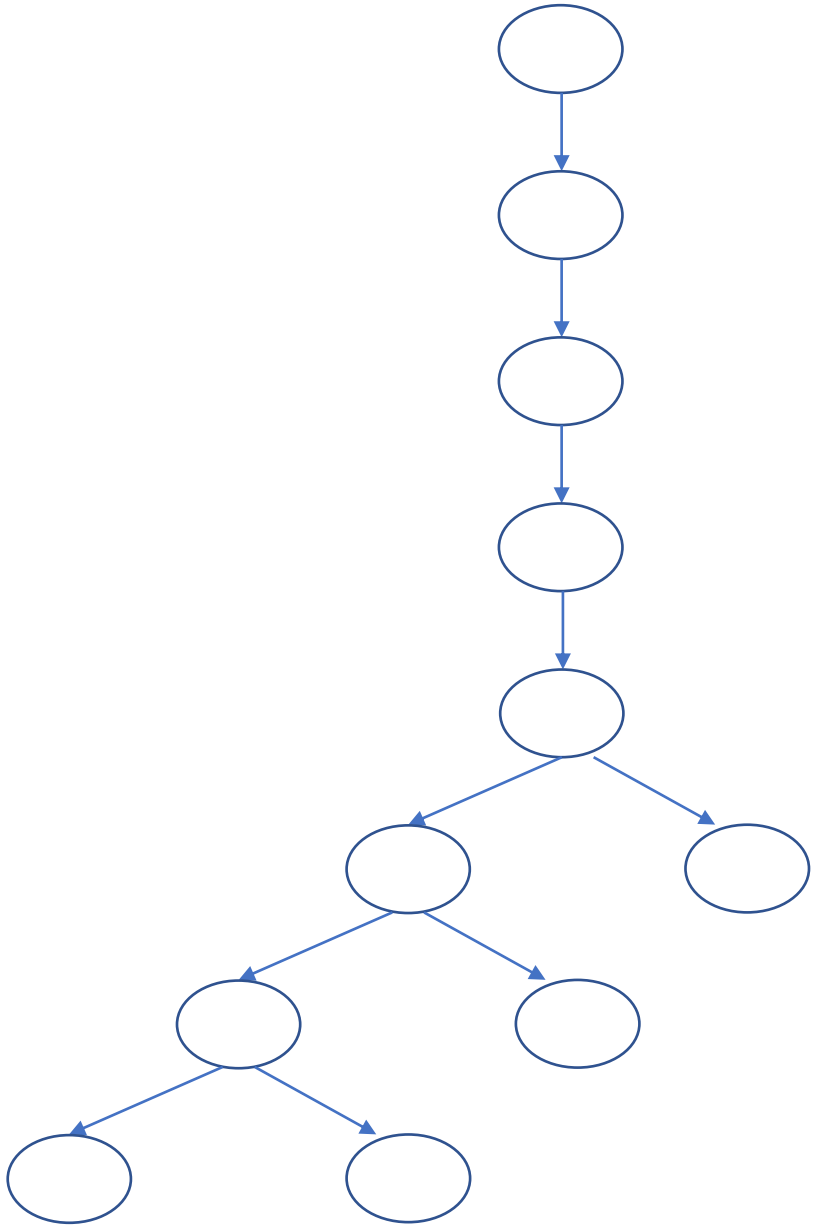
?city2=cB

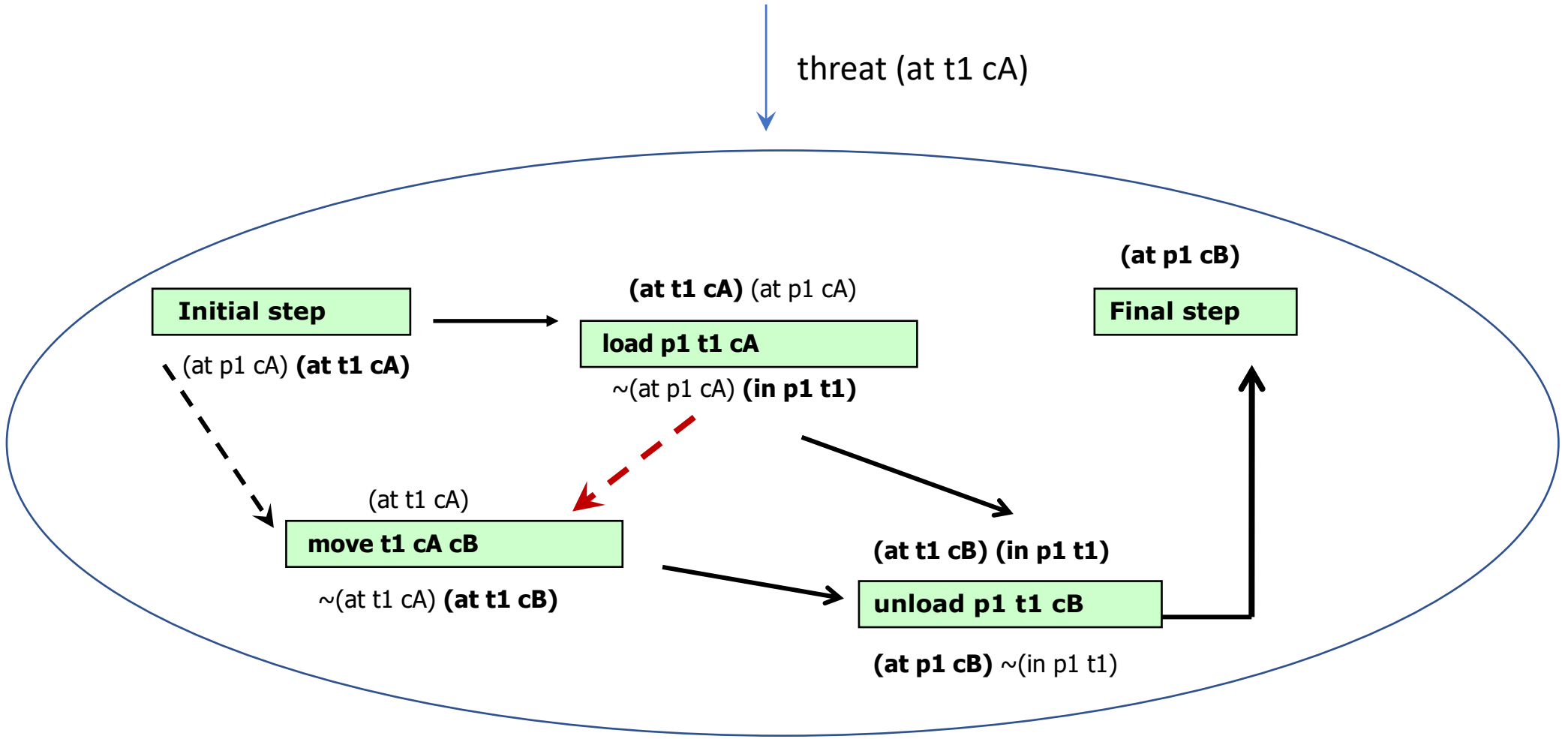


Flaws Plan 4.1.2.1:
- open goals: (at p1 cA)
  (at t1 cA)
- threat over (at t1 cA)



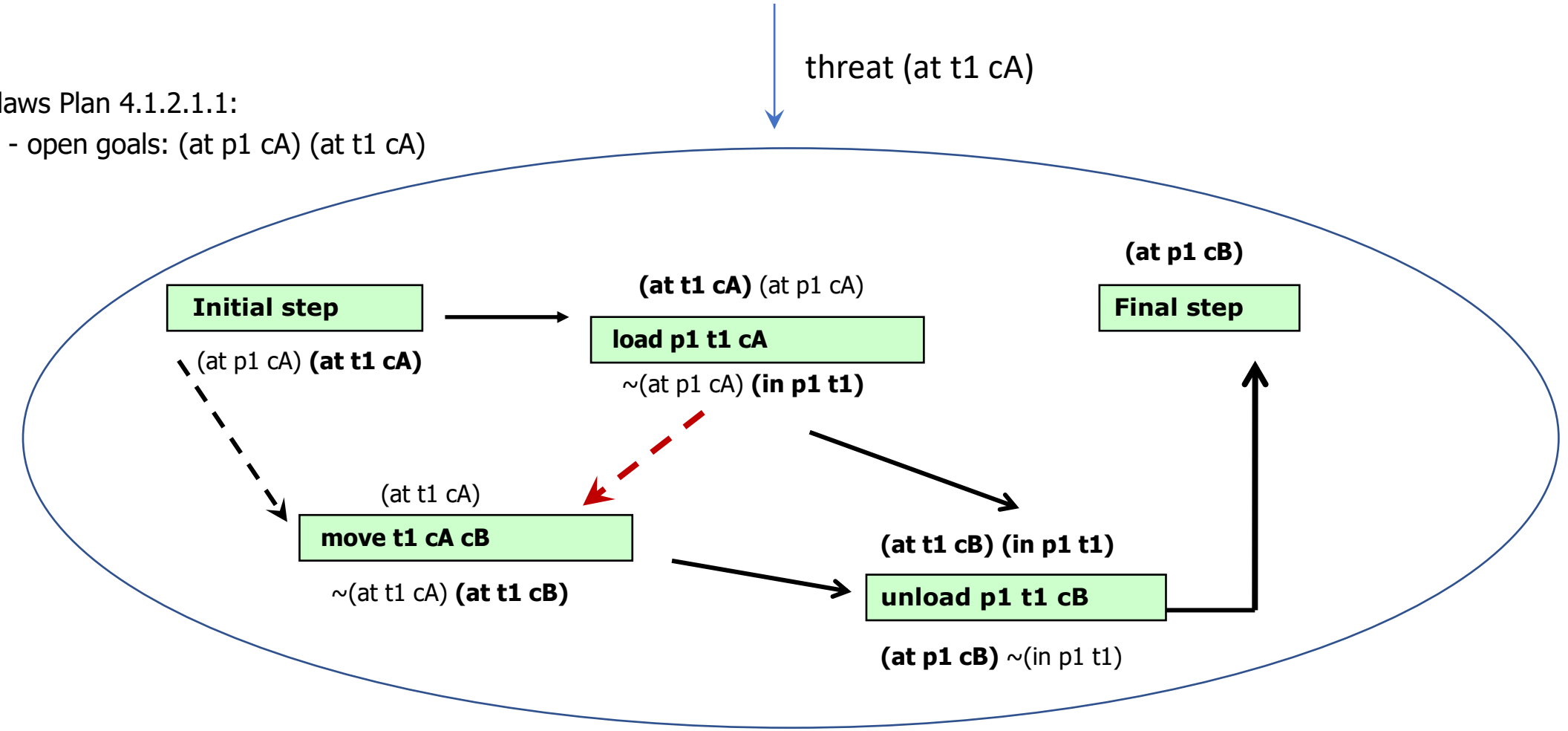
threat (at t1 cA)



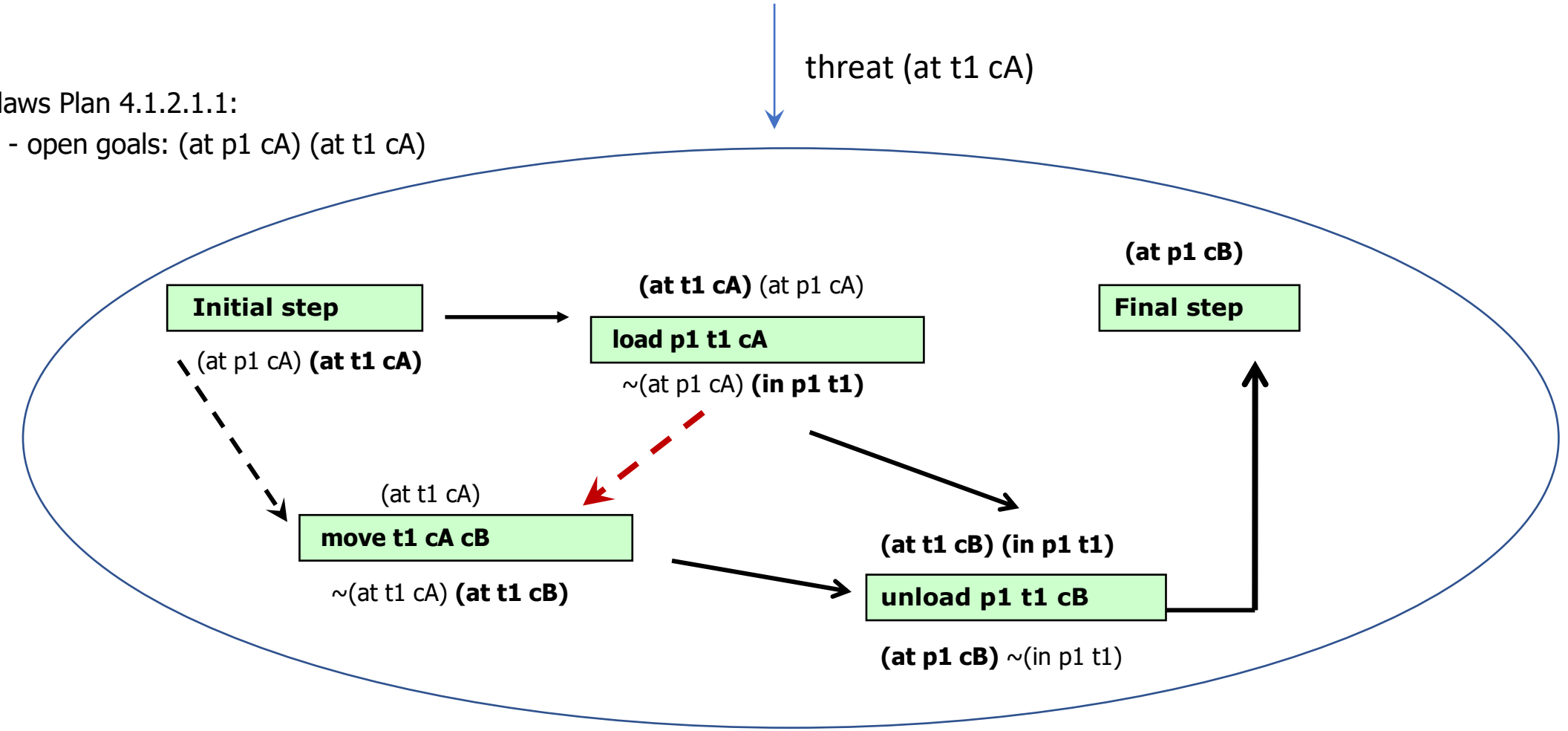

threat (at t1 cA)
Initial step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at p1 cB)
Final step
(at t1 cA)
move t1 cA cB
~(at t1 cA) (at t1 cB)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)

Flaws Plan 4.1.2.1.1:

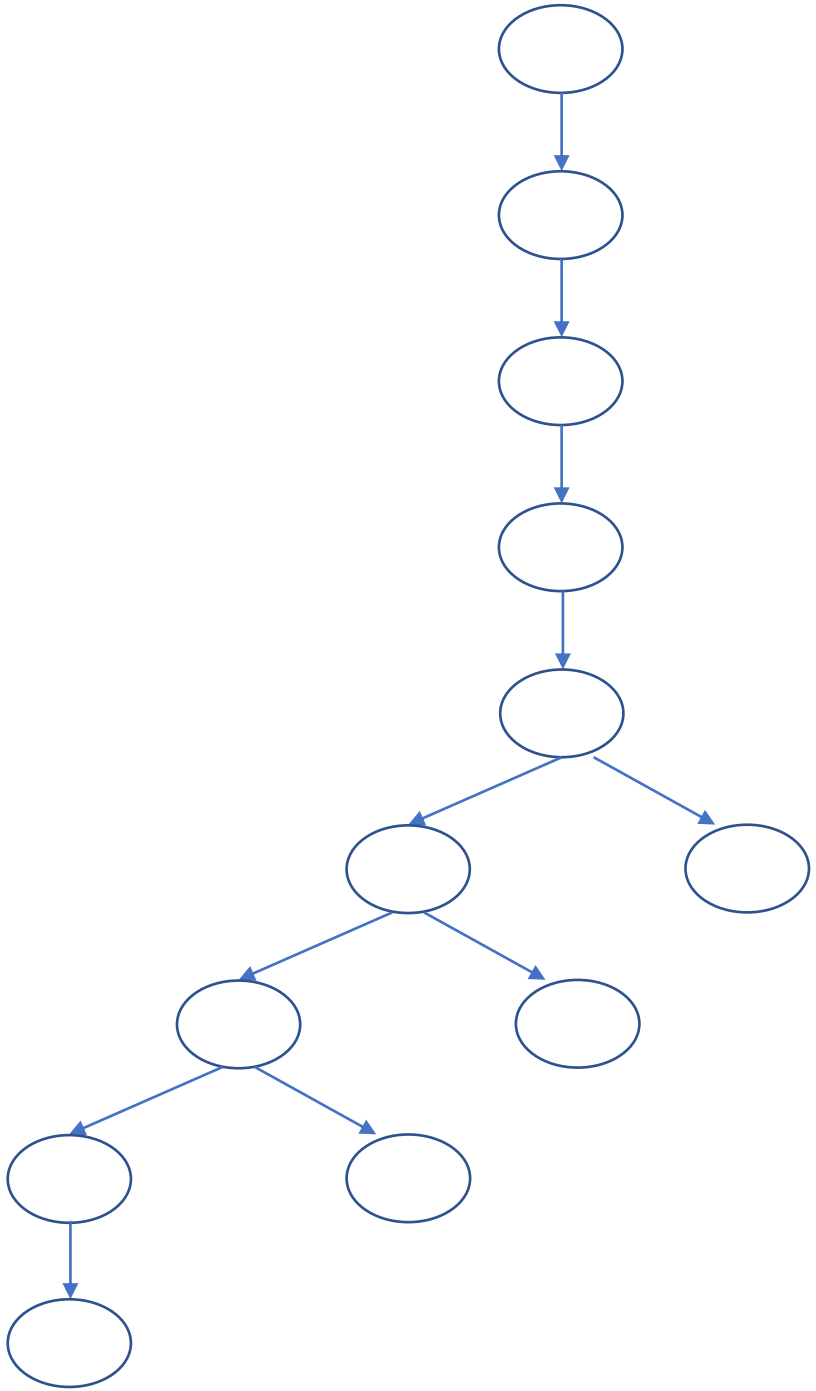
- open goals: (at p1 cA) (at t1 cA)

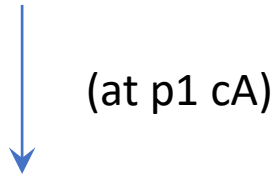


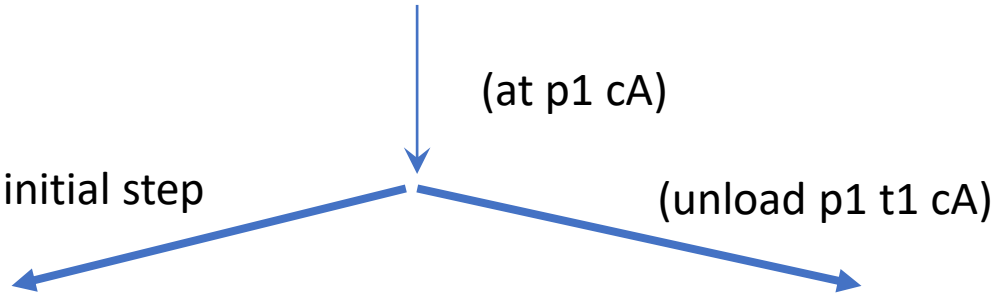
Flaws Plan 4.1.2.1.1:
- open goals: (at p1 cA) (at t1 cA)

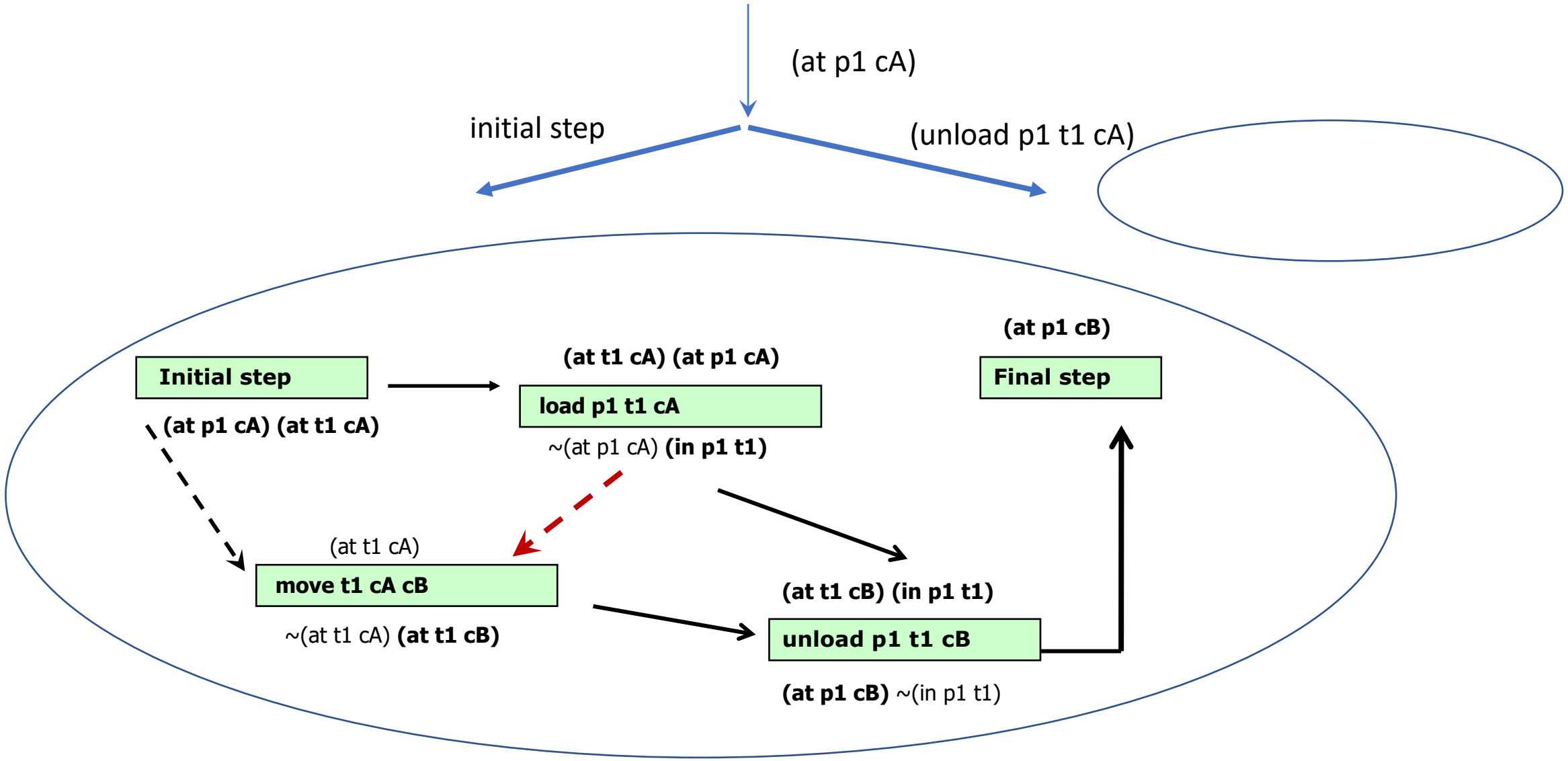


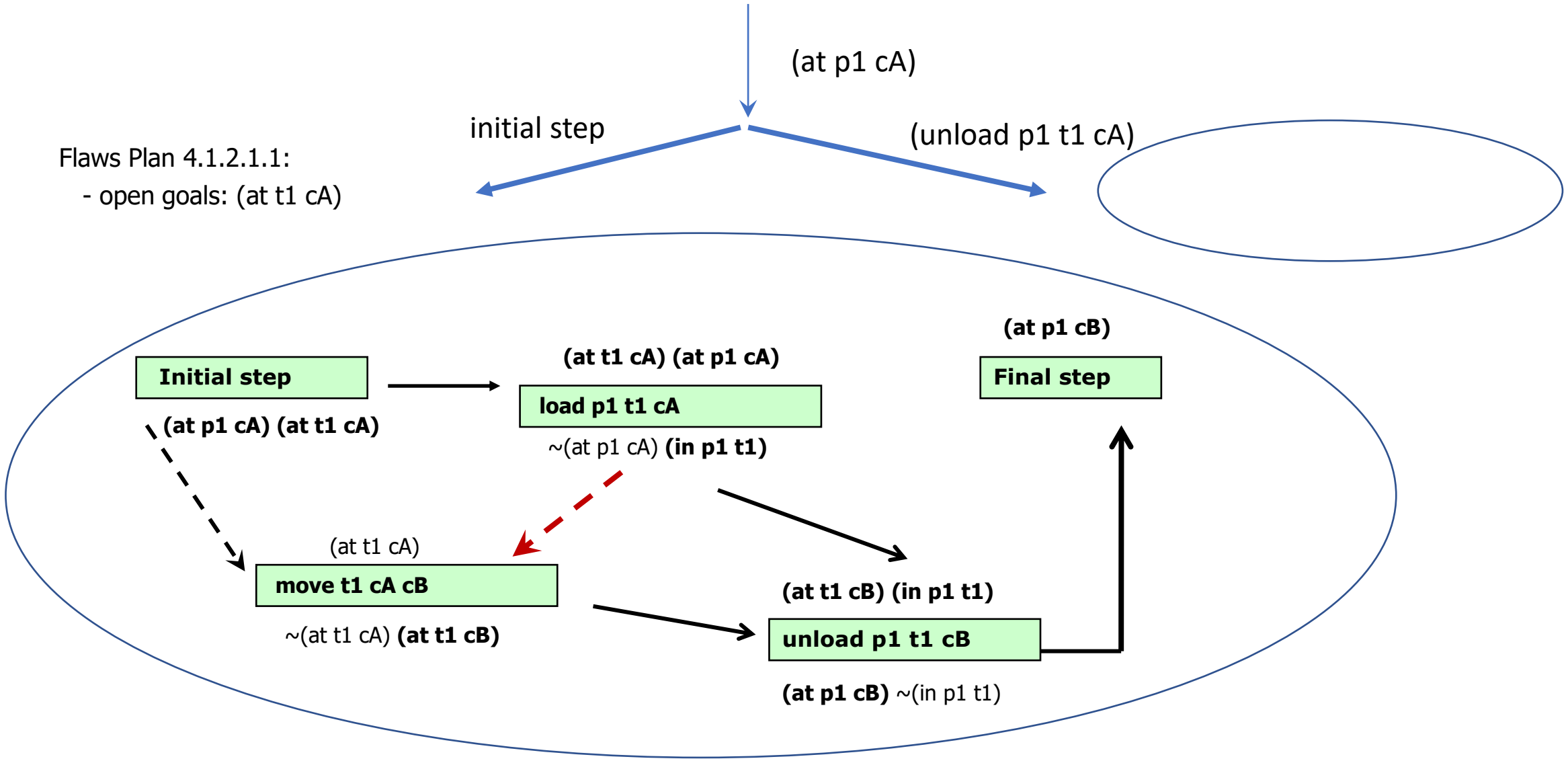
(at p1 cA)

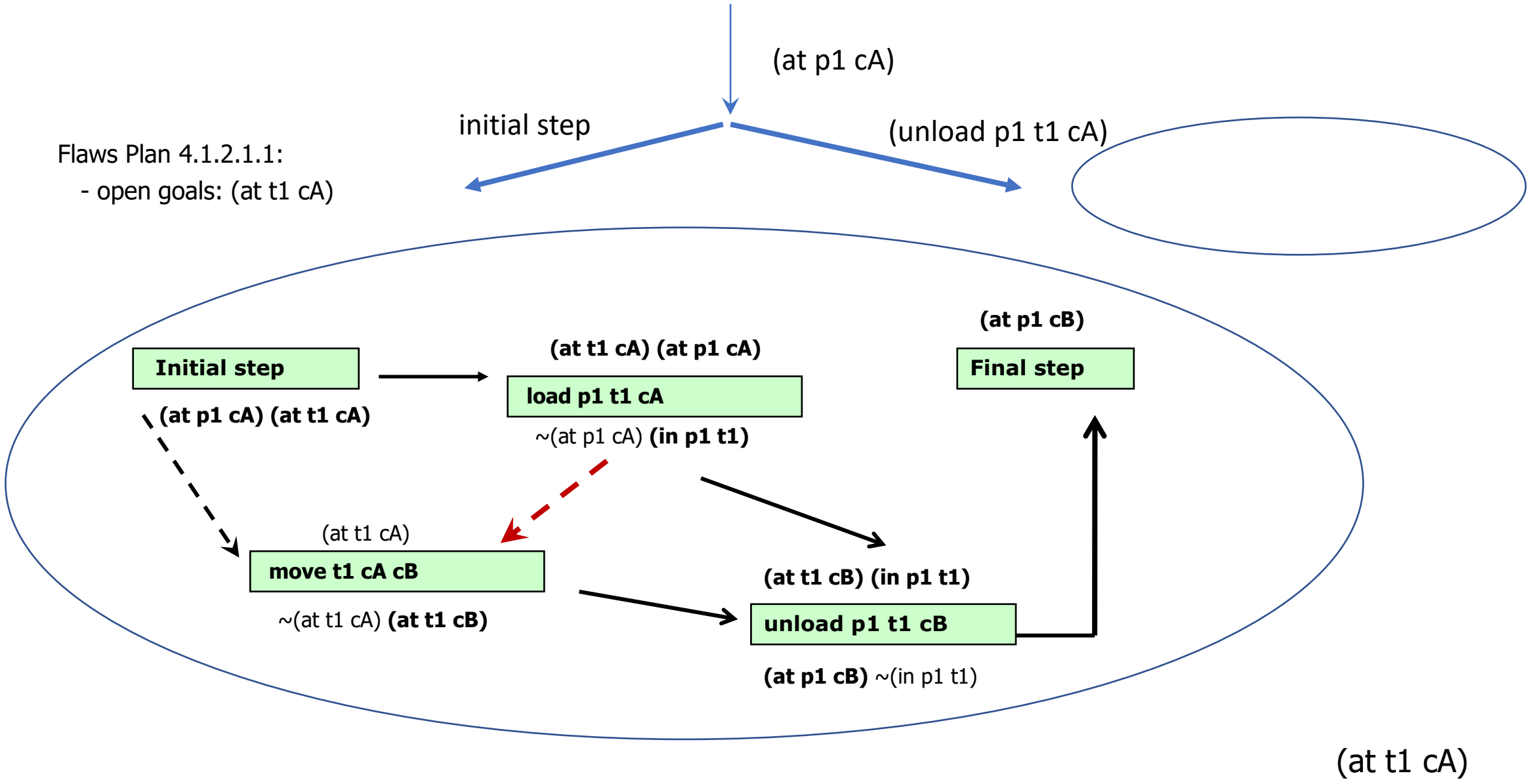


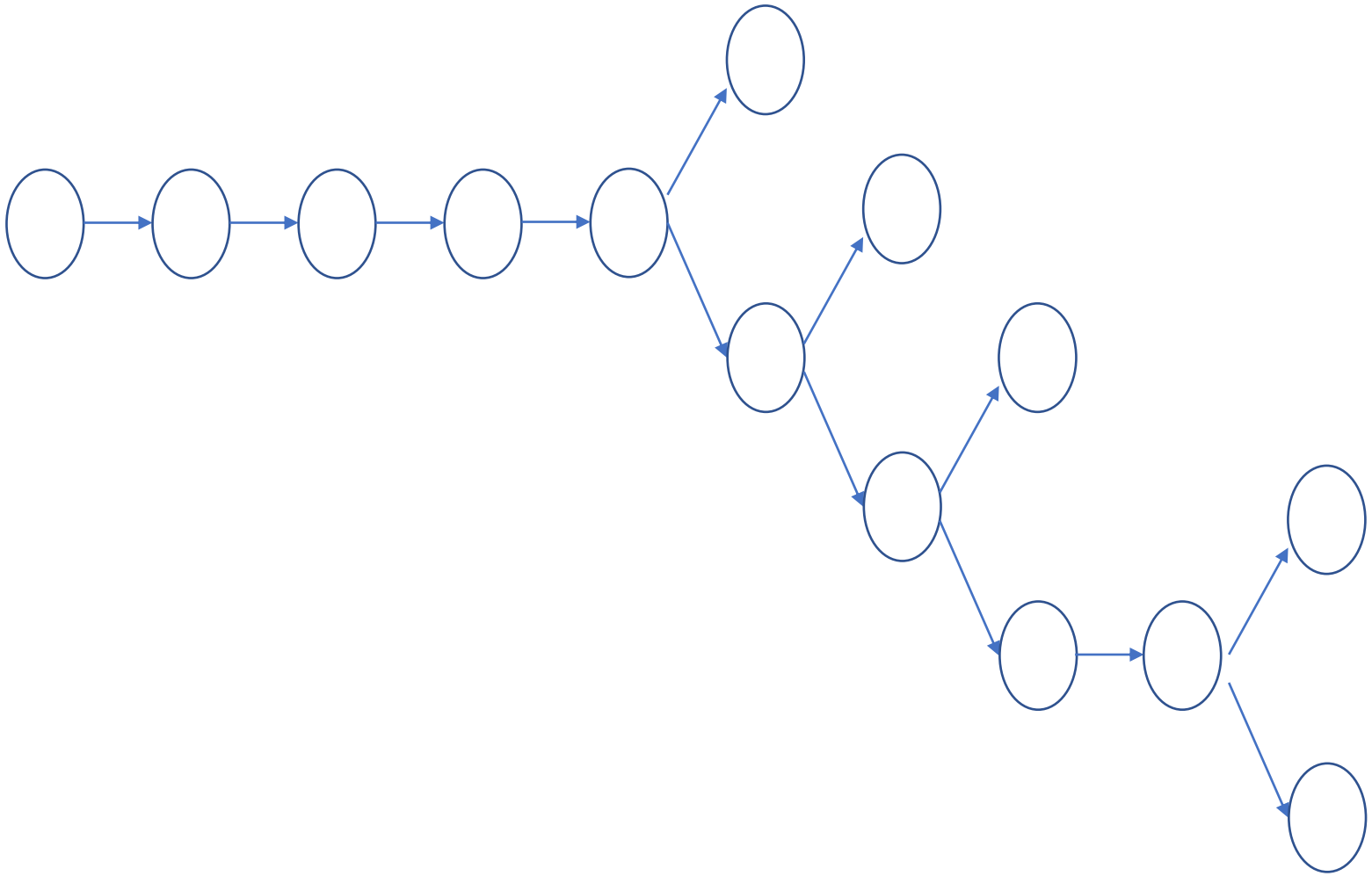

(at p1 cA)

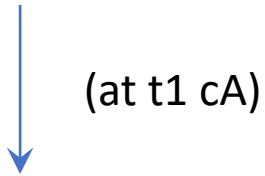

(at p1 cA)
initial step
(unload p1 t1 cA)

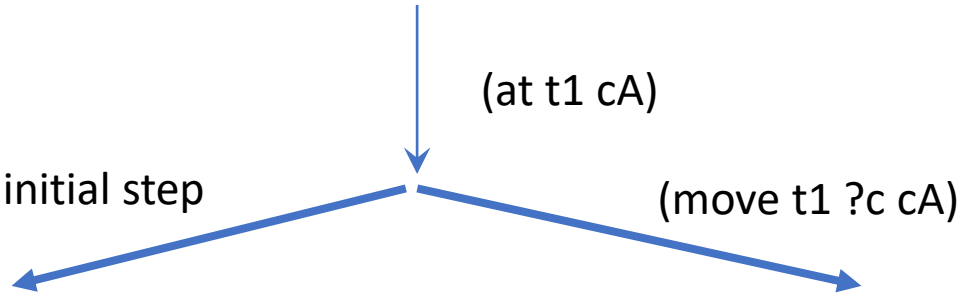

(at p1 cA)
initial step
(unload p1 t1 cA)
Initial step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at p1 cB)
Final step
(at t1 cA)
move t1 cA cB
~(at t1 cA) (at t1 cB)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)

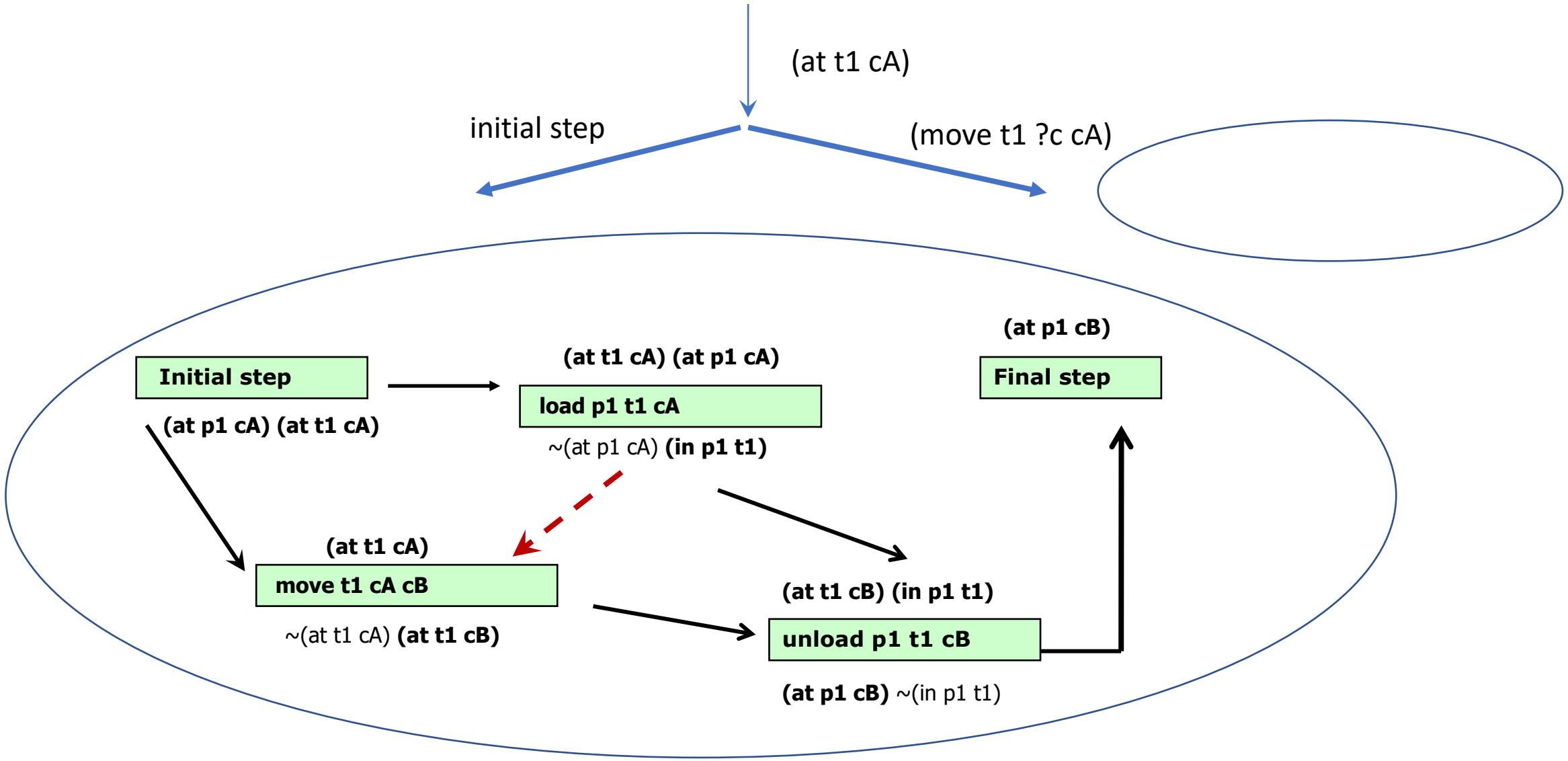
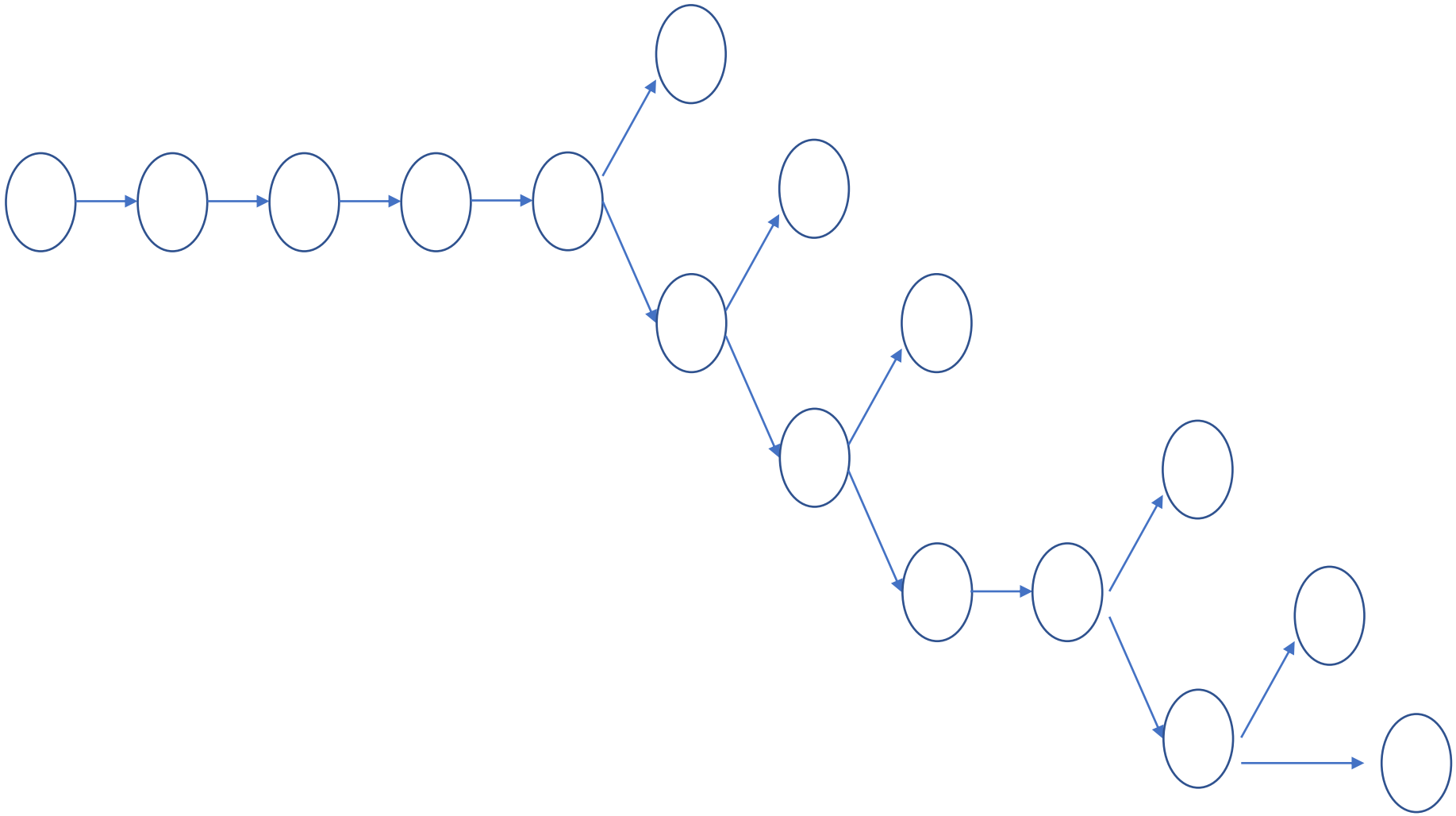

(at p1 cA)
initial step
(unload p1 t1 cA)
Flaws Plan 4.1.2.1.1:
- open goals: (at t1 cA)
(at p1 cB)
Initial step
(at t1 cA) (at p1 cA)
Final step
load p1 t1 cA
(at p1 cA) (at t1 cA)
~(at p1 cA) (in p1 t1)
(at t1 cA)
move t1 cA cB
(at t1 cB) (in p1 t1)
~(at t1 cA) (at t1 cB)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)


(at p1 cA)
initial step
(unload p1 t1 cA)
Flaws Plan 4.1.2.1.1:
- open goals: (at t1 cA)
(at p1 cB)
Initial step
(at t1 cA) (at p1 cA)
Final step
load p1 t1 cA
(at p1 cA) (at t1 cA)
~(at p1 cA) (in p1 t1)
(at t1 cA)
move t1 cA cB
(at t1 cB) (in p1 t1)
~(at t1 cA) (at t1 cB)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)
(at t1 cA)




(at t1 cA)


(at t1 cA)
initial step
(move t1 ?c cA)


(at t1 cA)
initial step
(move t1 ?c cA)
Initial step
(at p1 cA) (at t1 cA)
(at t1 cA) (at p1 cA)
load p1 t1 cA
~(at p1 cA) (in p1 t1)
(at p1 cB)
Final step
(at t1 cA)
move t1 cA cB
~(at t1 cA) (at t1 cB)
(at t1 cB) (in p1 t1)
unload p1 t1 cB
(at p1 cB) ~(in p1 t1)