```
Results for CXP (in 00:00:03.697):
  NB EV: 11
  AP: AP1
  NB AP: 2
  NB_MAY: -1
  NB_MUST_MINUS: -1
  NB MUST PLUS: -1
  NB MUST SHARP: -1
  NB AS: 4
  NB AS RCHD: 2
  TAU AS: 50.00
  NB AT: 38
  NB_AT_RCHD: 13
  TAU AT: 34.21
  NB_EXPECTED_AS: 4
  NB_EXPECTED_AS_RCHD: 2
  TAU EXPECTED AS: 50.00
  NB EXPECTED AT: 3
  NB EXPECTED AT RCHD: 0
  TAU_EXPECTED_AT: 0.00
  NB CS: 68
  NB CS RCHD: 14
  NB CT: 51
  NB CT RCHD: 13
  RHO CS: 20.59
  RHO CT: 25.49
  NB TESTS: 3
  NB_STEPS: 24
TESTS:
C6q1 = BC(0)=0, BC(1)=0, BC(2)=0, BC(3)=0, BD(0)=0, BD(1)=0, BD(2)=0, BD(3)=0, BM(0)=0, BM(1)=0, BM(2)=0, BM(3)=0, Dir=1, PC=1, PE(0)=1, PE(3)=1, PE(
  TESTS:
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SET_EXPECTED_AS:
   q0 = ¬(Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0])
q1 = (Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0])
q2 = ¬(Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0])
q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0])
    SET_RCHD_AS:
    q1 = \(\frac{1}{4}\text{Ppel_Montee_Cabine} = BC(3)=0\), \(\sigma(p0 = PE(3)=\text{ouvertes}[0]\)\)
q1 = \((\frac{1}{4}\text{ppel_Montee_Cabine} = BC(3)=0\), \(\sigma(p0 = PE(3)=\text{ouvertes}[0]\)\)
    SET RCHD EXPECTED AS:
    \begin{array}{lll} q0 = \neg(Appel\ Montee\_Cabine = BC(3)=0)\,,\ \neg(p0 = PE(3)=ouvertes[0])\\ q1 = (Appel\_Montee\_Cabine = BC(3)=0)\,,\ \neg(p0 = PE(3)=ouvertes[0]) \end{array}
    SET_EXPECTED_AT:
                                         \neg(Appel_Montee_Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ aOuverture_Portes_Etage ]-> q0 = \neg(Appel_Montee_Cabine = BC(3)=0), \neg(p0 =
      PE(3)=ouvertes[0])
    q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [a0uverture Portes Etage] -> q2 = \neg(Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0), (p0 =
     q1 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [a0uverture\_Portes\_Etage] -> q3 = (Appel\_Montee\_Portes\_Etage] -> q3 
    SET_RCHD_AT:
                                       \neg(Appel_Montee_Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ eAppel_Montee_Cabine ]-> q0 = \neg(Appel_Montee_Cabine = BC(3)=0), \neg(p0 =
    PE(3)=ouvertes[0])
                                          \neg (Appel\_Montee\_Etage] -> q0 = \neg (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel\_Montee\_Etage] -> q0 = \neg (Appel\_Montee\_Cabine = BC(3)=0), \neg (p0 = PE(3)=0), \neg (p0 = PE(3)=0)
    PE(3)=ouvertes[0])
q0 = ¬(Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ hAppel_Descente_Etage ]-> q0 = ¬(Appel_Montee_Cabine = BC(3)=0), ¬(p0 =
    PE(3) = ouvertes[01)
    q0 = \neg(Appel\_Montee\_Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ iMontee\_Cabine] -> q0 = \neg(Appel\_Montee\_Cabine = BC(3)=0), \neg(p0 = PE(3)=0), \neg(p0 = PE(
    PE(3)=ouvertes[0])
    q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes Etage ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ a0uverture Portes[0]) -[ a0uverture Port
    PE(3)=ouvertes[0])
    q1 = (Appel Montee Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ bOuverture Portes Cabine ]-> q1 = (Appel Montee Cabine = BC(3)=0), ¬(p0 =
    PE(3)=ouvertes[0])
    q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ cFermeture Portes Cabine] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ cFermeture Portes Cabine] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ cFermeture Portes Cabine] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ cFermeture Portes Cabine] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ cFermeture Portes Cabine] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ cFermeture Portes Cabine] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ cFermeture Portes Cabine] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]), 
    PE(3)=ouvertes[0])
     \mathbf{q1} = (\mathsf{Appel\_Montee\_Cabine} = \mathsf{BC(3)=0}), \ \neg(\mathsf{p0} = \mathsf{PE(3)=ouvertes[0]}) - [\ \mathsf{dFermeture\_Portes\_Etage}\ ] -> \ \mathsf{q1} = (\mathsf{Appel\_Montee\_Cabine} = \mathsf{BC(3)=0}), \ \neg(\mathsf{p0} = \mathsf{PE(3)=ouvertes[0]}) - [\ \mathsf{dFermeture\_Portes\_Etage}\ ] -> \ \mathsf{q1} = (\mathsf{portes\_Cabine} = \mathsf{portes\_Cabine} = \mathsf{portes\_Cabine}), \ \neg(\mathsf{p0} = \mathsf{portes\_Cabine}) - [\ \mathsf{portes\_Cabine} = \mathsf{portes\_Cabine}] - [\ \mathsf{p
    q1 = (Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ eAppel_Montee_Cabine ]-> q0 = ¬(Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0])
    PE(3)=ouvertes[0])
    q1 = (Appel Montee Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ eAppel Montee Cabine ]-> q1 = (Appel Montee Cabine = BC(3)=0), ¬(p0 =
      PE(3)=ouvertes[0])
    q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Cabine = BC(3)=0), \neg (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q1 = (Appel Montee Etage] -> q1 = (A
     q1 = (Appel\_Montee\_Cabine = BC(3)=0), \ \neg (p0 = PE(3)=ouvertes[0]) \ - [Appel\_Descente\_Etage] \ - > \ q1 = (Appel\_Montee\_Cabine = BC(3)=0), \ \neg (p0 = PE(3)=0), \ \neg
      PE(3)=ouvertes[0])
       q1 = (Appel\_Montee\_Cabine = BC(3) = 0), \ \neg(p0 = PE(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = 0), \ \neg(p0 = PE(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = 0), \ \neg(p0 = PE(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = 0), \ \neg(p0 = PE(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = 0), \ \neg(p0 = PE(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = 0), \ \neg(p0 = PE(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = 0), \ \neg(p0 = PE(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = ouvertes[0]) - [iMontee\_Cabine] -> \\ q1 = (Appel\_Montee\_Cabine = BC(3) = ouvertes[0]) - [iMontee\_Cabine = BC(3) = ouvertes[0]) - [iMontee
    PE(3)=ouvertes[0])
    SET RCHD EXPECTED AT:
     \begin{array}{lll} SET\_UNRCHD\_AS: \\ q2 &= \neg(Appel\_Montee\_Cabine = BC(3)=0)\,, \; (p0 = PE(3)=ouvertes[0]) \\ q3 &= (Appel\_Montee\_Cabine = BC(3)=0)\,, \; (p0 = PE(3)=ouvertes[0]) \\ \end{array} 
    SET_UNRCHD_EXPECTED_AS:
    q2 = ¬(Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0])
q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0])
     \begin{array}{l} \mathsf{SET\_UNRCHD\_AT:} \\ \mathsf{q0} = \neg(\mathsf{Appel\_Montee\_Cabine} = \mathsf{BC(3)=0}), \ \neg(\mathsf{p0} = \mathsf{PE(3)=ouvertes[0]}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage} \ ] -> \ \mathsf{q0} = \neg(\mathsf{Appel\_Montee\_Cabine} = \mathsf{BC(3)=0}), \ \neg(\mathsf{p0} = \mathsf{PE(3)=ouvertes[0]}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage} \ ] -> \ \mathsf{q0} = \neg(\mathsf{Appel\_Montee\_Cabine} = \mathsf{BC(3)=0}), \ \neg(\mathsf{p0} = \mathsf{PE(3)=ouvertes[0]}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage} \ ] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) \ -[ \ \mathsf{a0uverture\_Portes\_Etage}] -> \ \mathsf{q0} = \neg(\mathsf{a0uverture\_Portes\_Etage}) -[ \ \mathsf{a0uverture\_Portes\_Etage}] -[ \ \mathsf{a0uvertu
    PE(3)=ouvertes[0])
q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [a0uverture Portes Etage] -> q2 = \neg(Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0)
      PE(3)=ouvertes[0])
      q0 = ¬(Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ bOuverture_Portes_Cabine ]-> q0 = ¬(Appel_Montee_Cabine = BC(3)=0), ¬(p0 =
    PE(3)=ouvertes[0])
    q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine] -> q0 = \neg(Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) - [cFermeture Portes Cabine = PC(3)=ouvertes[0]) - [cFermeture Portes[0]) - [cFermet
      PE(3)=ouvertes[0])
    q0 = ¬(Appel Montee Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ dFermeture Portes Etage ]-> q0 = ¬(Appel Montee Cabine = BC(3)=0), ¬(p0 =
    q0 = \(\alpha\) =
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 q0 = \neg(Appel\_Montee\_Cabine = BC(3)=0), \ \neg(p0 = PE(3)=ouvertes[0]) - [iMontee\_Cabine ] -> q1 = (Appel\_Montee\_Cabine = BC(3)=0), \ \neg(p0 = PE(3)=ouvertes[0]) 
q0 = ¬(Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ jChangement_Direction ]-> q0 = ¬(Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0])
q\theta = \neg(Appel\_Montee\_Cabine = BC(3)=0), \neg(p\theta = PE(3)=ouvertes[\theta]) - [kDescente\_Cabine ] -> q\theta = \neg(Appel\_Montee\_Cabine = BC(3)=0), \neg(p\theta = PE(3)=ouvertes[\theta])
q1 = (Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ aOuverture_Portes_Etage ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 =
PE(3)=ouvertes[0])
q1 = (Appel_Montee
PE(3)=ouvertes[0])
        = (Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ fAppel_Descente_Cabine ]-> q1 = (Appel_Montee_Cabine = BC(3)=0), ¬(p0 =
        = (Appel\_Montee\_Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ jChangement\_Direction ]-> q1 = (Appel\_Montee\_Cabine = BC(3)=0), \neg(p0 = PE(3)=0), \neg(p0 = PE(3)=0)
PE(3)=ouvertes[0])
       = (Appel Montee Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ kDescente Cabine ]-> q1 = (Appel Montee Cabine = BC(3)=0), \neg(p0 =
PE(3)=ouvertes[0])
            -(Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ bOuverture Portes Cabine ]-> q2 = ¬(Appel Montee Cabine = BC(3)=0), (p0 =
PE(3)=ouvertes[0])
            -(Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q2 = ¬(Appel_Montee_Cabine = BC(3)=0), (p0 =
q2 = ¬(Appel_Monte
PE(3)=ouvertes[0])
            \neg(Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ dFermeture_Portes_Etage ]-> q0 = \neg(Appel_Montee_Cabine = BC(3)=0), \neg(p0 =
PE(3) = ouvertes[01)
             \neg(Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ fAppel_Descente_Cabine ]-> q2 = \neg(Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=0), (p0 = PE(3)=0)
PE(3)=ouvertes[0])
              \neg(Appel\_Montee\_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) - [gAppel\_Montee\_Etage] -> q2 = \neg(Appel\_Montee\_Cabine = BC(3)=0), (p0 = PE(3)=0), (p0 = PE(3)=0),
PE(3)=ouvertes[0])
q2 = \neg(Appel\_Montee\_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) - [hAppel\_Descente\_Etage] -> <math>q2 = \neg(Appel\_Montee\_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0])
PE(3)=ouvertes[0])
        = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ bOuverture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 =
PF(3)=ouvertes[0])
q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine = BC(3)=ouvertes[0]) -[ cFermeture_Portes_Cabine = BC(3)=ouvertes[0
PE(3)=ouvertes[01)
q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ dFermeture_Portes_Etage ]-> q1 = (Appel_Montee_Cabine = BC(3)=0), \neg(p0 =
PF(3)=ouvertes[0])
q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ fAppel Descente Cabine ]-> q3 = (Appel Montee Cabine = BC(3)=0), (p0 =
PE(3)=ouvertes[0])
q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0), (p0 = PE(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0) - [gAppel Montee Etage] -> q3 = (Appel Montee Cabine = BC(3)=0) - [gAppel Montee Etage] -> q3 = (Appel 
PE(3)=ouvertes[0])
q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 = PE(3)=ouvertes[0]) -[ hAppel_Descente_Etage ] -> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 =
PE(3)=ouvertes[0])
SET UNRCHD EXPECTED AT:
              \neg(Appel_Montee_Cabine = BC(3)=0), \neg(p0 = PE(3)=ouvertes[0]) -[ aOuverture_Portes_Etage ]-> q0 = \neg(Appel_Montee_Cabine = BC(3)=0), \neg(p0 =
PE(3)=ouvertes[0])
q0 = ¬(Appel_Monte
PE(3)=ouvertes[0])
        = ¬(Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ aOuverture_Portes_Etage ]-> q2 = ¬(Appel_Montee_Cabine = BC(3)=0), (p0 =
            (Appel_Montee_Cabine = BC(3)=0), ¬(p0 = PE(3)=ouvertes[0]) -[ aOuverture_Portes_Etage ]-> q3 = (Appel_Montee_Cabine = BC(3)=0), (p0 =
PE(3)=ouvertes[01)
```

TIME_ATS: 00:00:03.697
TIME TESTS: 00:00:00.001