

Results for CXP (in 00:00:00.520):

NB_EV: 11

AP: AP0

NB_AP: 3

NB_MAY: -1

NB_MUST_MINUS: -1

NB_MUST_PLUS: -1

NB_MUST_SHARP: -1

NB_AS: 5

NB_AS_RCHD: 4

TAU_AS: 80.00

NB_AT: 21

NB_AT_RCHD: 12

TAU_AT: 57.14

NB_EXPECTED_AS: 5

NB_EXPECTED_AS_RCHD: 4

TAU_EXPECTED_AS: 80.00

NB_EXPECTED_AT: 2

NB_EXPECTED_AT_RCHD: 0

TAU_EXPECTED_AT: 0.00

NB_CS: 44

NB_CS_RCHD: 11

NB_CT: 33

NB_CT_RCHD: 12

RHO_CS: 25.00

RHO_CT: 36.36

NB_TESTS: 4

NB_STEPS: 19

TESTS:
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[powerDown]-> c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[autoOut]-> c6q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=2
c6q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=2 -[powerDown]-> c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert50]-> c12q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1
c12q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c26q2 = AskChange=0, AskCof=1, Balance=50, CofLeft=6, Pot=0, Status=1
c26q2 = AskChange=0, AskCof=1, Balance=50, CofLeft=6, Pot=0, Status=1 -[serveCof]-> c36q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=5, Pot=50, Status=1

c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert50]-> c12q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1
c12q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[insert100]-> c27q2 = AskChange=0, AskCof=0, Balance=150, CofLeft=6, Pot=0, Status=1
c27q2 = AskChange=0, AskCof=0, Balance=150, CofLeft=6, Pot=0, Status=1 -[insert50]-> c29q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1

c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert50]-> c12q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1
c12q2 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[changeReq]-> c25q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1

c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c3q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c9q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c9q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[autoOut]-> c21q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=2

#####

SET_EXPECTED_AS:

q0 = ~(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ~(p1 = Status=on[1]), ~(p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2]))
q1 = ~(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ~(p1 = Status=on[1]), (p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2]))
q2 = ~(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), (p1 = Status=on[1]), ~(p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2]))


```
AskChange=0, AskCof=0, Balance=0), Status=error[2]))
q4 = (p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0),
Status=error[2]))) -[ addCof ]-> q4 = (p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1],
AskChange=0, AskCof=0, Balance=0), Status=error[2])))
q4 = (p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0),
Status=error[2]))) -[ powerUp ]-> q3 = ¬(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), (p1 = Status=on[1]), (p2 = or(and(Status=on[1],
AskChange=0, AskCof=0, Balance=0), Status=error[2])))
q4 = (p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0),
Status=error[2]))) -[ takePot ]-> q0 = ¬(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1],
AskChange=0, AskCof=0, Balance=0), Status=error[2]))
```

```
SET_UNRCHD_EXPECTED_AT:
q1 = ¬(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), (p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0),
Status=error[2]))) -[ powerDown ]-> q4 = (p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1],
AskChange=0, AskCof=0, Balance=0), Status=error[2])))
q2 = ¬(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), (p1 = Status=on[1]), ¬(p2 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0),
Status=error[2]))) -[ serveCof ]-> q1 = ¬(p0 = and(Status=off[0], Pot >= (MaxPot - 50))), ¬(p1 = Status=on[1]), (p2 = or(and(Status=on[1],
AskChange=0, AskCof=0, Balance=0), Status=error[2]))
```

TIME_ATS: 00:00:00.520

TIME_TESTS: 00:00:00.000