

Results for RCXP (in 00:00:01.790):

NB\_EV: 11  
AP: AP1  
NB\_AP: 3  
NB\_MAY: -1  
NB\_MUST\_MINUS: -1  
NB\_MUST\_PLUS: -1  
NB\_MUST\_SHARP: -1  
NB\_AS: 4  
NB\_AS\_RCHD: 4  
TAU\_AS: 100.00  
NB\_AT: 23  
NB\_AT\_RCHD: 15  
TAU\_AT: 65.22  
NB\_EXPECTED\_AS: 4  
NB\_EXPECTED\_AS\_RCHD: 4  
TAU\_EXPECTED\_AS: 100.00  
NB\_EXPECTED\_AT: 1  
NB\_EXPECTED\_AT\_RCHD: 1  
TAU\_EXPECTED\_AT: 100.00  
NB\_CS: 125  
NB\_CS\_RCHD: 94  
NB\_CT: 151  
NB\_CT\_RCHD: 128  
RHO\_CS: 75.20  
RHO\_CT: 84.77  
NB\_TESTS: 20  
NB\_STEPS: 320

TESTS:

c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c1lq1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1  
c1lq1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ insert100 ]-> c31q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1  
c31q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ insert100 ]-> c32q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1  
c32q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[ cofReq ]-> c41q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1  
c41q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[ serveCof ]-> c42q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=5, Pot=50, Status=1  
c42q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=5, Pot=50, Status=1 -[ backBalance ]-> c45q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=5, Pot=50, Status=1  
c45q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=5, Pot=50, Status=1 -[ insert100 ]-> c46q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=5, Pot=50, Status=1  
c46q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=5, Pot=50, Status=1 -[ insert100 ]-> c51q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=5, Pot=50, Status=1  
c51q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=5, Pot=50, Status=1 -[ cofReq ]-> c53q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=5, Pot=50, Status=1  
c53q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=5, Pot=50, Status=1 -[ serveCof ]-> c54q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=4, Pot=100, Status=1  
c54q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=4, Pot=100, Status=1 -[ insert100 ]-> c57q1 = AskChange=0, AskCof=0, Balance=200, CofLeft=4, Pot=100, Status=1  
c57q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=4, Pot=100, Status=1 -[ insert100 ]-> c58q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=4, Pot=100, Status=1  
c58q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=4, Pot=100, Status=1 -[ insert100 ]-> c63q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=4, Pot=100, Status=1  
c63q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=4, Pot=100, Status=1 -[ cofReq ]-> c65q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=4, Pot=100, Status=1  
c65q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=4, Pot=100, Status=1 -[ serveCof ]-> c66q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=3, Pot=150, Status=1  
c66q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=3, Pot=150, Status=1 -[ backBalance ]-> c69q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=3, Pot=150, Status=1  
c69q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=3, Pot=150, Status=1 -[ insert100 ]-> c70q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=3, Pot=150, Status=1  
c70q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=3, Pot=150, Status=1 -[ insert100 ]-> c75q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=3, Pot=150, Status=1  
c75q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=3, Pot=150, Status=1 -[ cofReq ]-> c77q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=3, Pot=150, Status=1  
c77q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=3, Pot=150, Status=1 -[ serveCof ]-> c78q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=2, Pot=200, Status=1  
c78q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=2, Pot=200, Status=1 -[ backBalance ]-> c81q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=2, Pot=200, Status=1  
c81q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=2, Pot=200, Status=1 -[ insert100 ]-> c82q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=2, Pot=200, Status=1  
c82q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=2, Pot=200, Status=1 -[ insert100 ]-> c87q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=2, Pot=200, Status=1  
c87q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=2, Pot=200, Status=1 -[ cofReq ]-> c89q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=2, Pot=200, Status=1  
c89q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=2, Pot=200, Status=1 -[ serveCof ]-> c90q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=1, Pot=250, Status=1  
c90q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=1, Pot=250, Status=1 -[ backBalance ]-> c93q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=1,











SET\_EXPECTED\_AS:

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q0 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance > 0, AskChange=1)), -(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
q1 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance > 0, AskChange=1)), (p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
q2 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), (p1 = and(Status=on[1], Balance > 0, AskChange=1)), -(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
q4 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance > 0, AskChange=1)), -(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))

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SET RCHD AS:

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    q0 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance > 0, AskChange=1)), -(p2 =
and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
    q1 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance > 0, AskChange=1)), (p2 =
and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
    q2 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), (p1 = and(Status=on[1], Balance > 0, AskChange=1)), -(p2 =
and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
    q4 = (p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), -(p1 = and(Status=on[1], Balance > 0, AskChange=1)), -(p2 =
and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))

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SET BCHD EXPECTED AS:

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SET_RCMD_EXPECTED_AS:
q0 = ~ (p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ~ (p1 = and(Status=on[1], Balance > 0, AskChange=1)), ~ (p2 =
and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
q1 = ~ (p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ~ (p1 = and(Status=on[1], Balance > 0, AskChange=1)), (p2 =
and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
q2 = ~ (p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), (p1 = and(Status=on[1], Balance > 0, AskChange=1)), ~ (p2 =
and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))
q4 = (p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ~ (p1 = and(Status=on[1], Balance > 0, AskChange=1)), ~ (p2 =
and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))

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SET\_EXPECTED\_AT:  
g4 = (p0 = and(S

$q4 = (\neg p0 = \text{and}(\text{Status}=on[1], \text{Balance} >= 50, \text{AskLot}<1, \text{CofLeft} > 0)), \neg(p1 = \text{and}(\text{Status}=on[1], \text{Balance} > 0, \text{AskChange}=1)), \neg(p2 = \text{and}(\text{Status}=on[1], \text{Balance} > 0, \text{AskCof}=0, \text{MaxBal} >= (\text{Balance} + 50))), \neg(p3 = \text{and}(\text{Status}=on[1], \text{AskChange}=0, \text{AskCof}=0, \text{MaxBal} >= (\text{Balance} + 50)))$

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SET_RCHD_EXPECTED_AT:
q4 = (p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0)), ~(p1 = and(Status=on[1], Balance > 0, AskChange=1)), ~(p2 =
and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50))) -[ serveCof ]-> q0 = ~(p0 = and(Status=on[1], Balance >= 50, AskCof=1,
CofLeft > 0)), ~(p1 = and(Status=on[1], Balance > 0, AskChange=1)), ~(p2 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))

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**SET UNRCHD AS:**

**SET\_UNRCHD\_EXPECTED\_AS:**

SET\_UNRCHD\_EXPECTED\_AT:

TIME\_ATS: 00:00:01.790

TIME\_TESTS: 00:00:00.014