

Results for RCXPASO (in 00:00:02.719):

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: 19
TAU_AT: 82.61
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: 119
NB_CS_RCHD: 103
NB_CT: 151
NB_CT_RCHD: 140
RHO_CS: 86.55
RHO_CT: 92.72
NB_TESTS: 23
NB_STEPS: 348

TESTS:
c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[insert100]-> c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1
c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[changeReq]-> c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1
c7q2 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[backBalance]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q1 = 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]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[insert100]-> c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1
c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[autoOut]-> c6q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2
c6q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=2 -[powerDown]-> c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=0
c9q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[autoOut]-> c2q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=2
c2q0 = 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]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[insert100]-> c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1
c4q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1
c8q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=6, Pot=0, Status=1 -[serveCof]-> c31q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=5, Pot=50, Status=1
c31q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=5, Pot=50, Status=1 -[backBalance]-> c36q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=5, Pot=50, Status=1
c36q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=5, Pot=50, Status=1 -[insert100]-> c37q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=5, Pot=50, Status=1
c37q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=5, Pot=50, Status=1 -[insert100]-> c42q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=5, Pot=50, Status=1
c42q0 = AskChange=0, AskCof=0, Balance=200, CofLeft=5, Pot=50, Status=1 -[cofReq]-> c44q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=5, Pot=50, Status=1
c44q4 = AskChange=0, AskCof=1, Balance=200, CofLeft=5, Pot=50, Status=1 -[serveCof]-> c45q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=4, Pot=100, Status=1
c45q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=4, Pot=100, Status=1 -[backBalance]-> c48q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=4, Pot=100, Status=1
c48q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=4, Pot=100, Status=1 -[insert100]-> c49q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=4,


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c10q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[ backBalance ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6,
Pot=0, Status=1
c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ insert100 ]-> c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6,
Pot=0, Status=1
c3q1 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[ cofReq ]-> c1lq4 = AskChange=0, AskCof=1, Balance=100, CofLeft=6,
Pot=0, Status=1
c1lq4 = AskChange=0, AskCof=1, Balance=100, CofLeft=6, Pot=0, Status=1 -[ serveCof ]-> c14q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=5,
Pot=50, Status=1
c14q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=5, Pot=50, Status=1 -[ autoOut ]-> c97q0 = AskChange=1, AskCof=0, Balance=50, CofLeft=5,
Pot=50, Status=2
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c0q0 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[ powerUp ]-> c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0,
Status=1
c1q1 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[ insert50 ]-> c5q1 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0,
Status=1
c5q1 = AskChange=0, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[ changeReq ]-> c10q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=6,
Pot=0, Status=1
c10q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=6, Pot=0, Status=1 -[ autoOut ]-> c100q0 = AskChange=1, AskCof=0, Balance=50, CofLeft=6,
Pot=0, Status=2
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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:

$q_0 \equiv \neg(p_0 = \text{and}(\text{Status}=\text{on}[1], \text{Balance} \geq 50, \text{AskCof}=1, \text{CofLeft} > 0)), \neg(p_1 = \text{and}(\text{Status}=\text{on}[1], \text{Balance} > 0, \text{AskChange}=1)), \neg(p_2 = \text{and}(\text{Status}=\text{on}[1], \text{AskChange}=0, \text{AskCof}=0, \text{MaxBal} \geq (\text{Balance} + 50)))$
 $q_1 = \neg(p_0 = \text{and}(\text{Status}=\text{on}[1], \text{Balance} \geq 50, \text{AskCof}=1, \text{CofLeft} > 0)), \neg(p_1 = \text{and}(\text{Status}=\text{on}[1], \text{Balance} > 0, \text{AskChange}=1)), (p_2 = \text{and}(\text{Status}=\text{on}[1], \text{AskChange}=0, \text{AskCof}=0, \text{MaxBal} \geq (\text{Balance} + 50)))$
 $q_2 = \neg(p_0 = \text{and}(\text{Status}=\text{on}[1], \text{Balance} \geq 50, \text{AskCof}=1, \text{CofLeft} > 0)), (p_1 = \text{and}(\text{Status}=\text{on}[1], \text{Balance} > 0, \text{AskChange}=1)), \neg(p_2 = \text{and}(\text{Status}=\text{on}[1], \text{AskChange}=0, \text{AskCof}=0, \text{MaxBal} \geq (\text{Balance} + 50)))$
 $q_4 = (p_0 = \text{and}(\text{Status}=\text{on}[1], \text{Balance} \geq 50, \text{AskCof}=1, \text{CofLeft} > 0)), \neg(p_1 = \text{and}(\text{Status}=\text{on}[1], \text{Balance} > 0, \text{AskChange}=1)), \neg(p_2 = \text{and}(\text{Status}=\text{on}[1], \text{AskChange}=0, \text{AskCof}=0, \text{MaxBal} \geq (\text{Balance} + 50)))$

SET_RCHD_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_EXPECTED_AT:

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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))), -(p3 = serveCof 1-> q0 = -(p0 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0))), -(p4 = and(Status=on[1], Balance > 0, AskChange=1)), -(p5 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)))

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SET_RCHD_AT:

