

Results for RCXP (in 00:00:02.723):

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: 5
TAU_AS: 100.00
NB_AT: 21
NB_AT_RCHD: 16
TAU_AT: 76.19
NB_EXPECTED_AS: 5
NB_EXPECTED_AS_RCHD: 5
TAU_EXPECTED_AS: 100.00
NB_EXPECTED_AT: 2
NB_EXPECTED_AT_RCHD: 2
TAU_EXPECTED_AT: 100.00
NB_CS: 128
NB_CS_RCHD: 98
NB_CT: 154
NB_CT_RCHD: 133
RHO_CS: 76.56
RHO_CT: 86.36
NB_TESTS: 22
NB_STEPS: 331

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 -[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 -[cofReq]-> c106q2 = AskChange=0, AskCof=1, Balance=100, CofLeft=6, Pot=0, Status=1
c106q2 = AskChange=0, AskCof=1, Balance=100, CofLeft=6, Pot=0, Status=1 -[serveCof]-> c107q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=5, Pot=50, Status=1
c107q2 = AskChange=1, AskCof=0, Balance=50, CofLeft=5, Pot=50, Status=1 -[backBalance]-> c36q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=5, Pot=50, Status=1
c36q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=5, Pot=50, Status=1 -[insert100]-> c44q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=5, Pot=50, Status=1
c44q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=5, Pot=50, Status=1 -[insert100]-> c49q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=5, Pot=50, Status=1
c49q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=5, Pot=50, Status=1 -[cofReq]-> c51q2 = AskChange=0, AskCof=1, Balance=200, CofLeft=5, Pot=50, Status=1
c51q2 = AskChange=0, AskCof=1, Balance=200, CofLeft=5, Pot=50, Status=1 -[serveCof]-> c52q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=4, Pot=100, Status=1
c52q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=4, Pot=100, Status=1 -[backBalance]-> c55q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=4, Pot=100, Status=1
c55q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=4, Pot=100, Status=1 -[insert100]-> c56q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=4, Pot=100, Status=1
c56q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=4, Pot=100, Status=1 -[insert100]-> c61q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=4, Pot=100, Status=1
c61q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=4, Pot=100, Status=1 -[cofReq]-> c63q2 = AskChange=0, AskCof=1, Balance=200, CofLeft=4, Pot=100, Status=1
c63q2 = AskChange=0, AskCof=1, Balance=200, CofLeft=4, Pot=100, Status=1 -[serveCof]-> c64q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=3, Pot=150, Status=1
c64q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=3, Pot=150, Status=1 -[backBalance]-> c67q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=3, Pot=150, Status=1
c67q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=3, Pot=150, Status=1 -[insert100]-> c68q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=3, Pot=150, Status=1
c68q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=3, Pot=150, Status=1 -[insert100]-> c73q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=3, Pot=150, Status=1
c73q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=3, Pot=150, Status=1 -[cofReq]-> c75q2 = AskChange=0, AskCof=1, Balance=200, CofLeft=3, Pot=150, Status=1
c75q2 = AskChange=0, AskCof=1, Balance=200, CofLeft=3, Pot=150, Status=1 -[serveCof]-> c76q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=2, Pot=200, Status=1
c76q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=2, Pot=200, Status=1 -[backBalance]-> c79q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=2, Pot=200, Status=1
c79q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=2, Pot=200, Status=1 -[insert100]-> c80q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=2, Pot=200, Status=1
c80q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=2, Pot=200, Status=1 -[insert100]-> c85q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=2, Pot=200, Status=1
c85q2 = AskChange=0, AskCof=0, Balance=200, CofLeft=2, Pot=200, Status=1 -[cofReq]-> c87q2 = AskChange=0, AskCof=1, Balance=200, CofLeft=2, Pot=200, Status=1
c87q2 = AskChange=0, AskCof=1, Balance=200, CofLeft=2, Pot=200, Status=1 -[serveCof]-> c88q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=1, Pot=250, Status=1
c88q2 = AskChange=1, AskCof=0, Balance=150, CofLeft=1, Pot=250, Status=1 -[backBalance]-> c42q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=1, Pot=250, Status=1
c42q3 = AskChange=0, AskCof=0, Balance=0, CofLeft=1, Pot=250, Status=1 -[insert100]-> c91q2 = AskChange=0, AskCof=0, Balance=100, CofLeft=1,

SET EXPECTED AS

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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]))
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]))

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SET_RCHD_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]))
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]))

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SET_RCHD_EXPECTED_AS:
q0 =  $\neg(p_0 = \text{and}(\text{Status}=\text{off}[0], \text{Pot} \geq (\text{MaxPot} - 50)))$ ,  $\neg(p_1 = \text{Status}=\text{on}[1])$ ,  $\neg(p_2 = \text{or}(\text{and}(\text{Status}=\text{on}[1], \text{AskChange}=0), \text{AskCof}=0, \text{Balance}=0))$ ,  $\text{Status}=\text{error}[2])$ 
q1 =  $\neg(p_0 = \text{and}(\text{Status}=\text{off}[0], \text{Pot} \geq (\text{MaxPot} - 50)))$ ,  $\neg(p_1 = \text{Status}=\text{on}[1])$ ,  $(p_2 = \text{or}(\text{and}(\text{Status}=\text{on}[1], \text{AskChange}=0), \text{AskCof}=0, \text{Balance}=0))$ ,  $\text{Status}=\text{error}[2])$ 
q2 =  $\neg(p_0 = \text{and}(\text{Status}=\text{off}[0], \text{Pot} \geq (\text{MaxPot} - 50)))$ ,  $(p_1 = \text{Status}=\text{on}[1])$ ,  $\neg(p_2 = \text{or}(\text{and}(\text{Status}=\text{on}[1], \text{AskChange}=0), \text{AskCof}=0, \text{Balance}=0))$ ,  $\text{Status}=\text{error}[2])$ 
q3 =  $\neg(p_0 = \text{and}(\text{Status}=\text{off}[0], \text{Pot} \geq (\text{MaxPot} - 50)))$ ,  $(p_1 = \text{Status}=\text{on}[1])$ ,  $(p_2 = \text{or}(\text{and}(\text{Status}=\text{on}[1], \text{AskChange}=0), \text{AskCof}=0, \text{Balance}=0))$ ,  $\text{Status}=\text{error}[2])$ 
q4 =  $(p_0 = \text{and}(\text{Status}=\text{off}[0], \text{Pot} \geq (\text{MaxPot} - 50)))$ ,  $\neg(p_1 = \text{Status}=\text{on}[1])$ ,  $\neg(p_2 = \text{or}(\text{and}(\text{Status}=\text{on}[1], \text{AskChange}=0), \text{AskCof}=0, \text{Balance}=0))$ ,  $\text{Status}=\text{error}[2])$ 

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SET_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]))

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SET_RCHD_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]))

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SET UNRCHD AS:

SET UNRCHD EXPECTED AS:

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SET_UNRCHD_AT:
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])) - [ addCof ] -> 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]))
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),

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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]))
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]))
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SET_UNRCHD_EXPECTED_AT:

TIME_ATS: 00:00:02.723

TIME_TESTS: 00:00:00.011