

Results for CXP (in 00:00:07.147):

NB_EV: 11
AP: AP2
NB_AP: 10
NB_MAY: -1
NB_MUST_MINUS: -1
NB_MUST_PLUS: -1
NB_MUST_SHARP: -1
NB_AS: 13
NB_AS_RCHD: 8
TAU_AS: 61.54
NB_AT: 53
NB_AT_RCHD: 24
TAU_AT: 45.28
NB_EXPECTED_AS: 13
NB_EXPECTED_AS_RCHD: 8
TAU_EXPECTED_AS: 61.54
NB_EXPECTED_AT: 53
NB_EXPECTED_AT_RCHD: 24
TAU_EXPECTED_AT: 45.28
NB_CS: 81
NB_CS_RCHD: 21
NB_CT: 77
NB_CT_RCHD: 27
RHO_CS: 25.93
RHO_CT: 35.06
NB_TESTS: 10
NB_STEPS: 53

TESTS:

c0q128 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[autoOut]-> c24q64 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=2
c24q64 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=2 -[powerDown]-> c2q128 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=0
c2q128 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[powerDown]-> c0q128 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0
c0q128 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[autoOut]-> c3q64 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=2
c3q64 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=2 -[powerDown]-> c0q128 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0
c0q128 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c36q33 = AskChange=0, AskCof=1, Balance=100, CofLeft=6, Pot=0, Status=1
c36q33 = AskChange=0, AskCof=1, Balance=100, CofLeft=6, Pot=0, Status=1 -[serveCof]-> c61q32 = AskChange=1, AskCof=0, Balance=50, CofLeft=5, Pot=50, Status=1

c0q128 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[insert100]-> c39q44 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1
c39q44 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[changeReq]-> c68q32 = AskChange=1, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1

c0q128 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=0 -[powerUp]-> c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[changeReq]-> c33q32 = AskChange=1, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c33q32 = AskChange=1, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[backBalance]-> c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1
c1q864 = AskChange=0, AskCof=0, Balance=0, CofLeft=6, Pot=0, Status=1 -[insert100]-> c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1
c6q812 = AskChange=0, AskCof=0, Balance=100, CofLeft=6, Pot=0, Status=1 -[insert50]-> c41q556 = AskChange=0, AskCof=0, Balance=150, CofLeft=6, Pot=0, Status=1
c41q556 = AskChange=0, AskCof=0, Balance=150, CofLeft=6, Pot=0, Status=1 -[insert50]-> c39q44 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1
c39q44 = AskChange=0, AskCof=0, Balance=200, CofLeft=6, Pot=0, Status=1 -[cofReq]-> c70q33 = AskChange=0, AskCof=1, Balance=200, CofLeft=6,

SET EXPECTED AS:

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q44 = -(p0 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50))), -(p1 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 100))), -(p2 = and(Status=off[0], CofLeft > 0, MaxPot > Pot)), -(p3 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2])), (p4 = Status=on[1]), -(p5 = and(Status=off[0], Pot >= (MaxPot - 50))), (p6 = and(Status=on[1], Balance >= 50, AskCof=0, AskChange=0)), (p7 = and(Status=on[1], Balance > 0, AskCof=0, AskChange=0)), -(p8 = 3(x).(and(and(x ∈ [1..MaxCof]), and(MaxCof >= (CofLeft + x), Status=off[0], MaxCof > CofLeft))), -(p9 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0))

q556 = (p0 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50))), -(p1 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 100))), -(p2 = and(Status=off[0], CofLeft > 0, MaxPot > Pot)), -(p3 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2])), (p4 = Status=on[1]), -(p5 = and(Status=off[0], Pot >= (MaxPot - 50))), (p6 = and(Status=on[1], Balance >= 50, AskCof=0, AskChange=0)), (p7 = and(Status=on[1], Balance > 0, AskCof=0, AskChange=0)), -(p8 = 3(x).(and(and(x ∈ [1..MaxCof]), and(MaxCof >= (CofLeft + x), Status=off[0], MaxCof > CofLeft)))), -(p9 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0))

q64 = -(p0 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50))), -(p1 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 100))), -(p2 = and(Status=off[0], CofLeft > 0, MaxPot > Pot)), -(p3 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2])), -(p4 = Status=on[1]), -(p5 = and(Status=off[0], Pot >= (MaxPot - 50))), -(p6 = and(Status=on[1], Balance >= 50, AskCof=0, AskChange=0)), -(p7 = and(Status=on[1], Balance > 0, AskCof=0, AskChange=0)), -(p8 = 3(x).(and(and(x ∈ [1..MaxCof]), and(MaxCof >= (CofLeft + x), Status=off[0], MaxCof > CofLeft)))), -(p9 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0))

q812 = (p0 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50))), (p1 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 100))), -(p2 = and(Status=off[0], CofLeft > 0, MaxPot > Pot)), -(p3 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2])), (p4 = Status=on[1]), -(p5 = and(Status=off[0], Pot >= (MaxPot - 50))), (p6 = and(Status=on[1], Balance >= 50, AskCof=0, AskChange=0)), (p7 = and(Status=on[1], Balance > 0, AskCof=0, AskChange=0)), -(p8 = 3(x).(and(and(x ∈ [1..MaxCof]), and(MaxCof >= (CofLeft + x), Status=off[0], MaxCof > CofLeft)))), -(p9 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0))

q864 = (p0 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50))), (p1 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 100))), -(p2 = and(Status=off[0], CofLeft > 0, MaxPot > Pot)), (p3 = or(and(Status=on[1], AskChange=0, AskCof=0, Balance=0), Status=error[2])), (p4 = Status=on[1]), -(p5 = and(Status=off[0], Pot >= (MaxPot - 50))), -(p6 = and(Status=on[1], Balance >= 50, AskCof=0, AskChange=0)), -(p7 = and(Status=on[1], Balance > 0, AskCof=0, AskChange=0)), -(p8 = 3(x).(and(and(x ∈ [1..MaxCof]), and(MaxCof >= (CofLeft + x), Status=off[0], MaxCof > CofLeft)))), -(p9 = and(Status=on[1], Balance >= 50, AskCof=1, CofLeft > 0))

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SET_RCHD_AS:

SET_RCHD_EXPECTED_AS:

SET_RCHD_AT:

`q128 = ~Tp0 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >= (Balance + 50)), ~(p1 = and(Status=on[1], AskChange=0, AskCof=0, MaxBal >=`

SET UNRCHD AS:

SET UNRCHD EXPECTED AS:

SET UNRCHD EXPECTED AT:

TIME_ATS: 00:00:07.147

TIME_TESTS: 00:00:00.002