

Results for CXP (in 00:01.647):

NB_EV : 4

NB_AP : 2

NB_AS : 4

NB_AT : 11

NB_RCHD_AS : 2

COV_AS : 50.0%

NB_RCHD_AT : 6

COV_AT : 54.54545454545455%

NB_CS : 25

NB_RCHD_CS : 7

NB_CT : 18

NB_RCHD_CT : 7

RHO_CS : 3.5714285714285716

RHO_CT : 2.5714285714285716

SET_RCHD_AS :

$q1 \equiv \text{and}(\neg(p0 \equiv h = \text{tic}), p1 \equiv \exists(i \in 1..n, j \in 1..n).(\text{and}(i \neq j, \text{bat}(i) = \text{ok}, \text{bat}(j) = \text{ok}))))$
 $q3 \equiv \text{and}(p0 \equiv h = \text{tic}, p1 \equiv \exists(i \in 1..n, j \in 1..n).(\text{and}(i \neq j, \text{bat}(i) = \text{ok}, \text{bat}(j) = \text{ok}))))$

SET_RCHD_AT :

q1 -[Fail]-> q1
q1 -[Repair]-> q1
q1 -[Tic]-> q3
q3 -[Fail]-> q3
q3 -[Repair]-> q3
q3 -[Commute]-> q1

SET_UNRCHD_AS :

$q0 \equiv \text{and}(\neg(p0 \equiv h = \text{tic}), \neg(p1 \equiv \exists(i \in 1..n, j \in 1..n).(\text{and}(i \neq j, \text{bat}(i) = \text{ok}, \text{bat}(j) = \text{ok}))))$
 $q2 \equiv \text{and}(p0 \equiv h = \text{tic}, \neg(p1 \equiv \exists(i \in 1..n, j \in 1..n).(\text{and}(i \neq j, \text{bat}(i) = \text{ok}, \text{bat}(j) = \text{ok}))))$

SET_UNRCHD_AT :

q1 -[Fail]-> q0
q0 -[Repair]-> q1
q0 -[Tic]-> q2
q3 -[Fail]-> q2
q2 -[Repair]-> q3