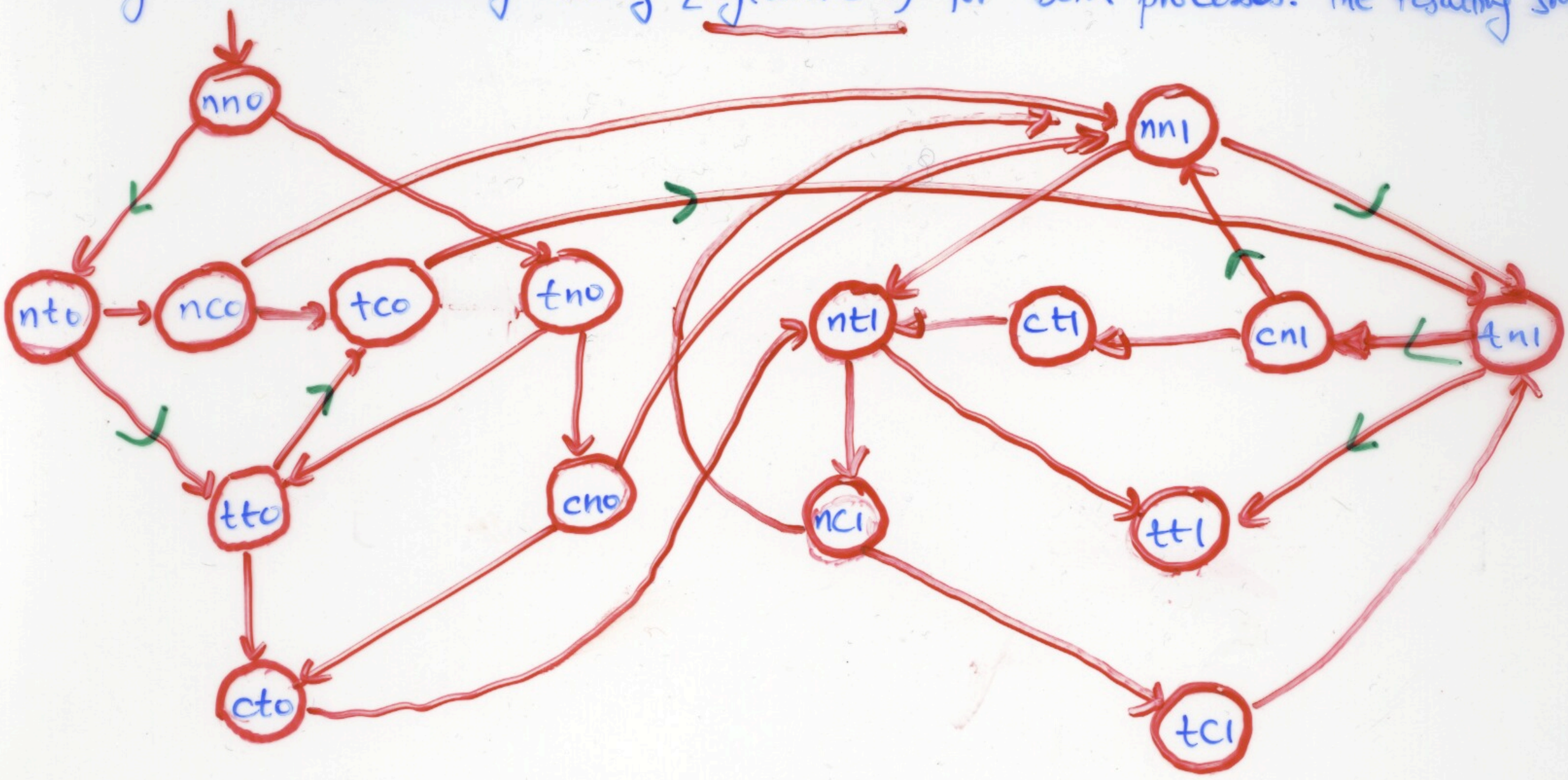
Mutual Exclusion with bug

- Bug is introduced by having [myturn = 0] for both processes. The resulting SM:



- It is clear that safety still holds.
  (Both processes don't get to critical state simultaneously.)

- On the other hand, liveness is violated.
  ("Trying" does not always result in reaching "critical" state in future.)

- NuSMV generates the following offending-trace (also called counterexample)

1. nno → nto → tto → tco → tn1 → cn1 → nn1 → tn1 → tt1
2. nno → nto → tto → tco → tn1 → tt1