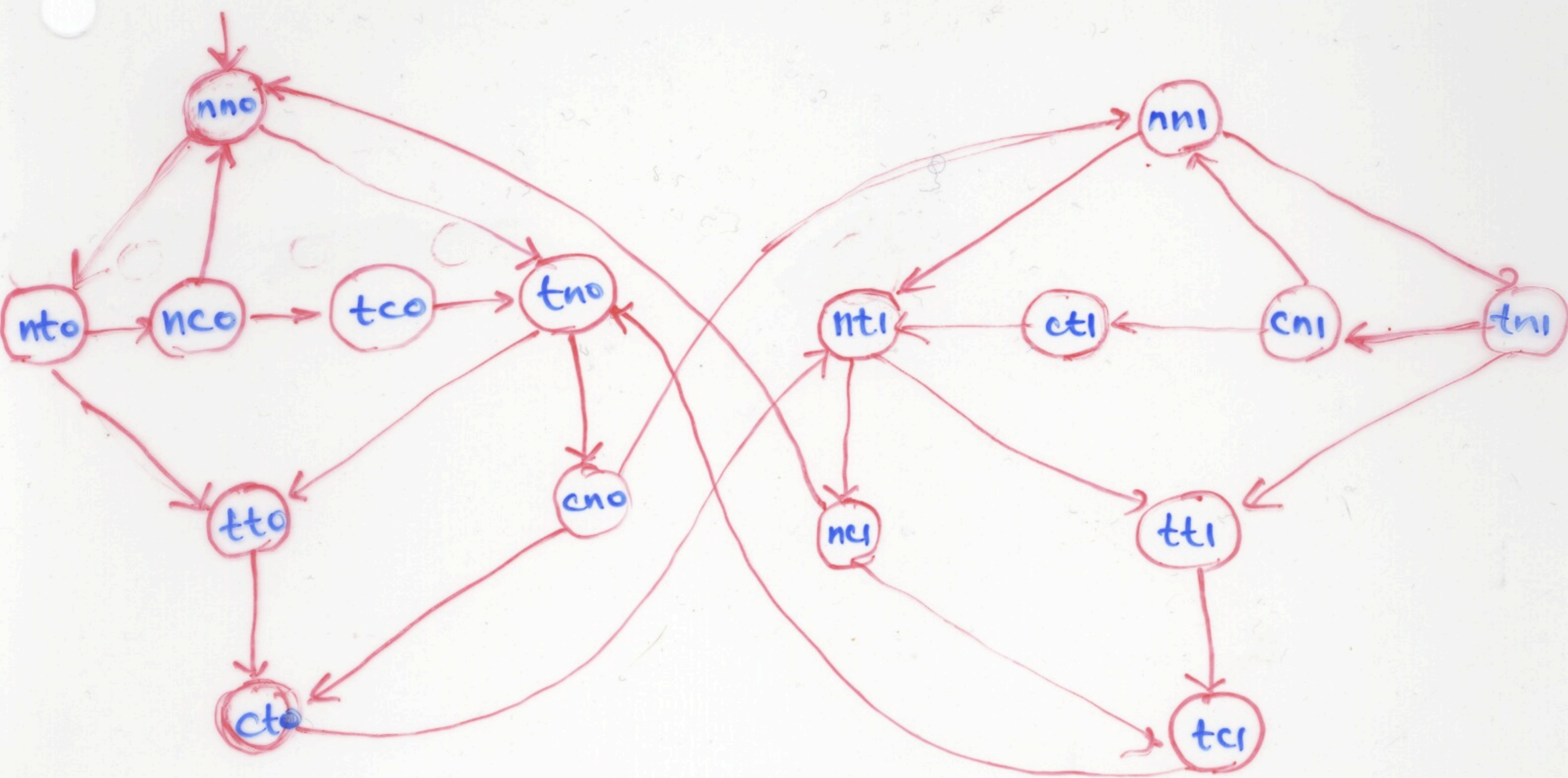


Model of Mutual-Exclusion



A model M is a transition system, $M = (S, \rightarrow, L)$

S : states of M (nodes of graph)

$\rightarrow \subseteq S \times S$: transitions of M (edges of graph)

$L : S \rightarrow 2^{AP}$: state-labeling fn. of M

(AP : set of atomic propositions ; 2^{AP} : Power set of AP)