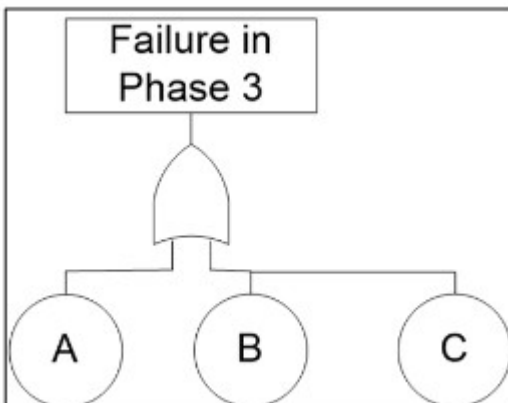
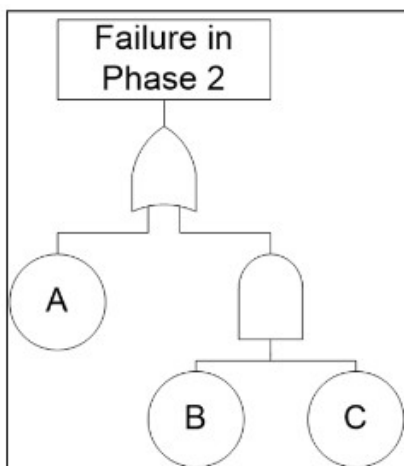
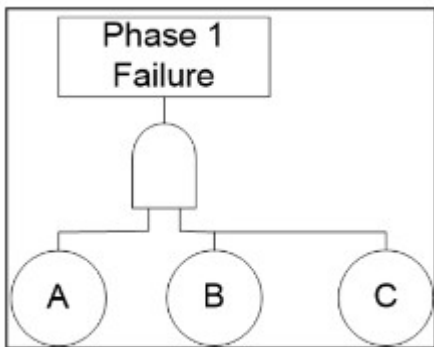


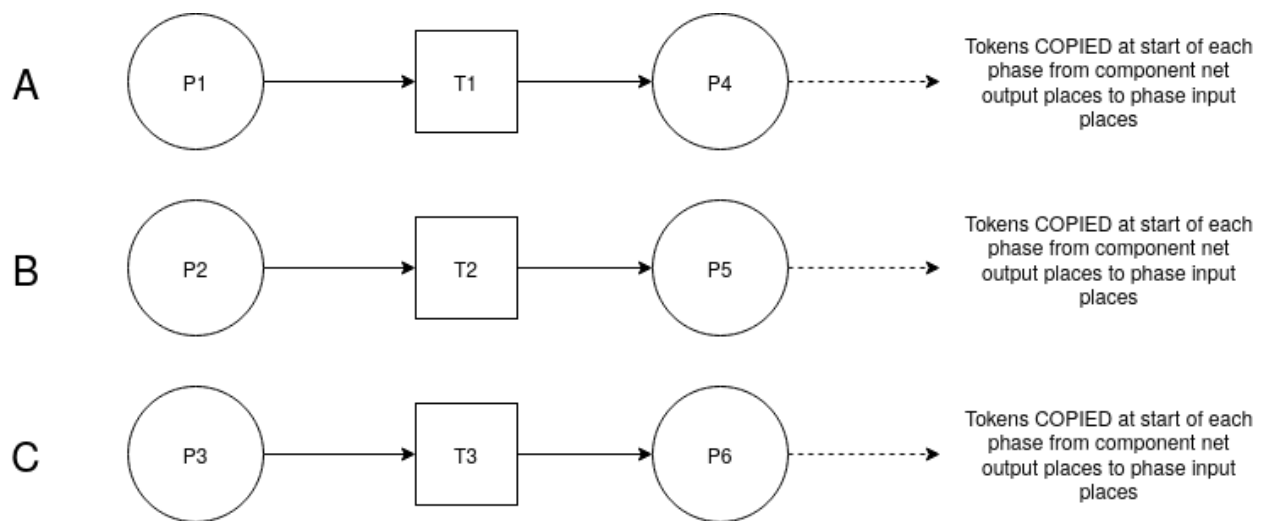
## Simple example test case:

### Fault Trees to Code:



## Component Nets – Representation of only component working and failed places

Must be numbered as described below

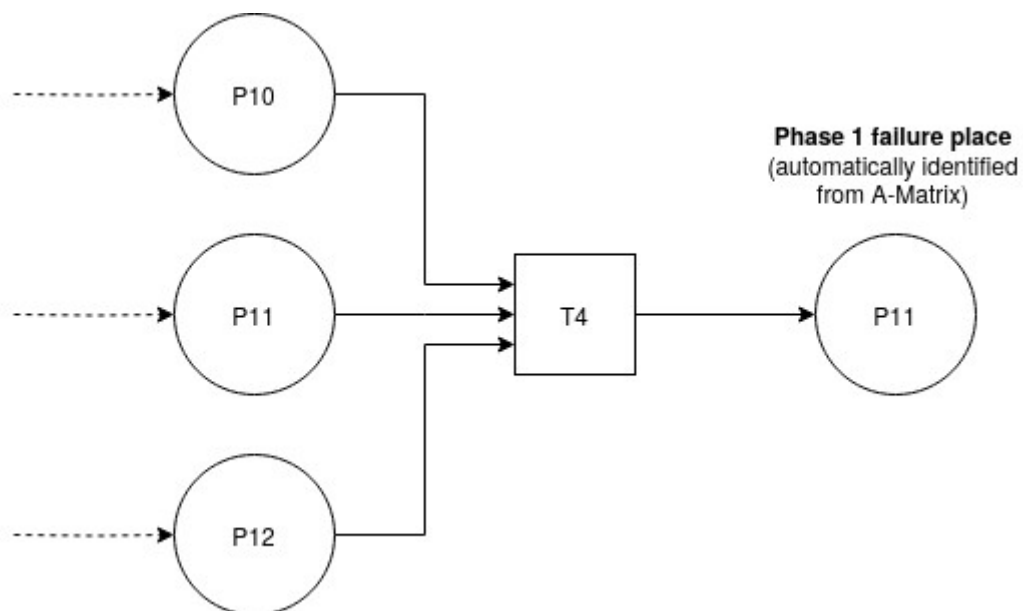


Note that component working places must occupy the first  $n$  place IDs, and component failed places must occupy the next  $n+1:2n$  place IDs

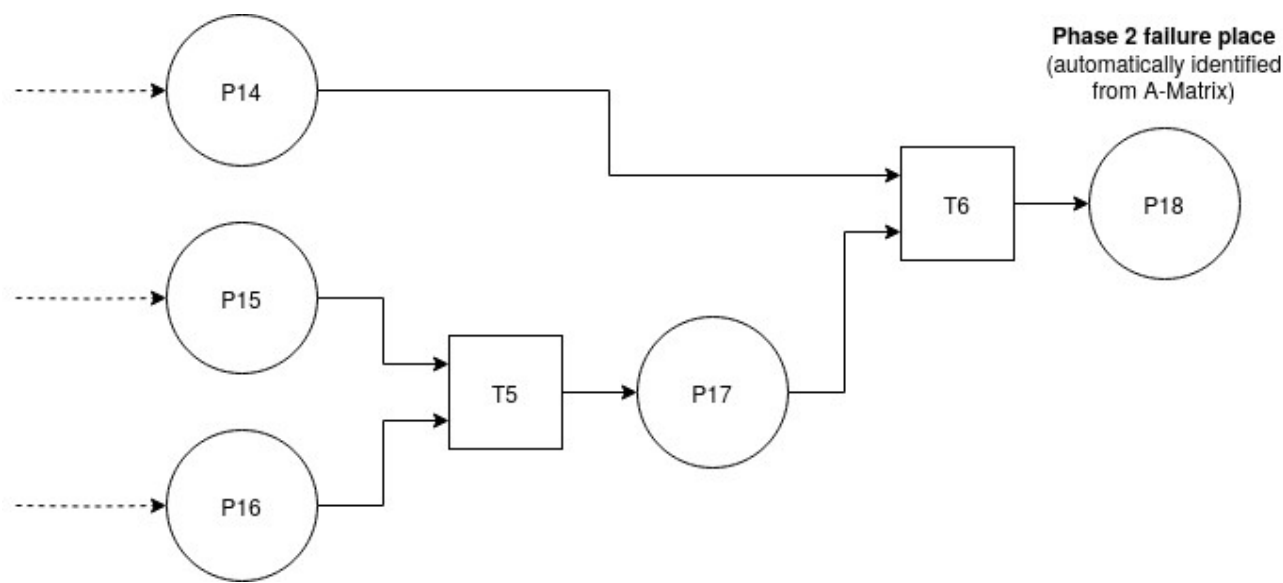
These transitions are the only petri-net transitions which can have a non-zero time to fire - all others are instant

## Phase Petri-Nets

> Phase1:



> Phase2:



> Phase3:

