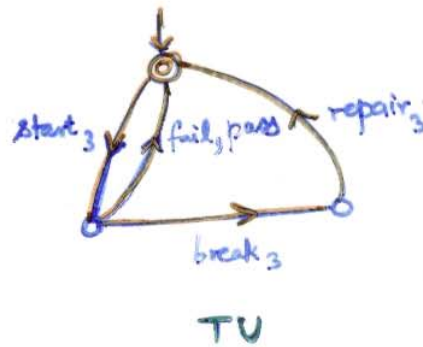
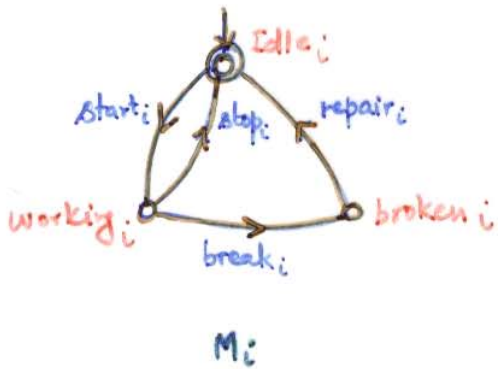
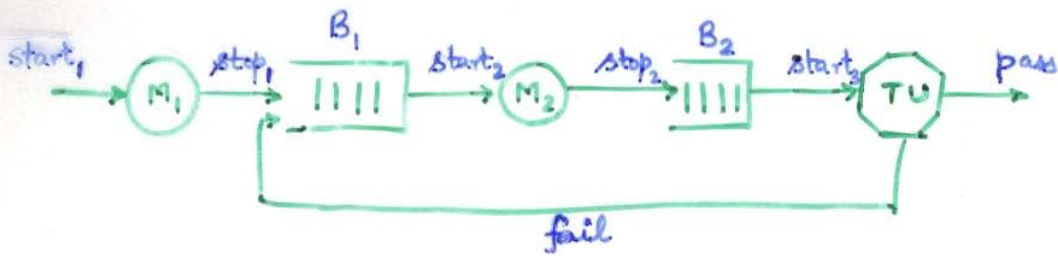
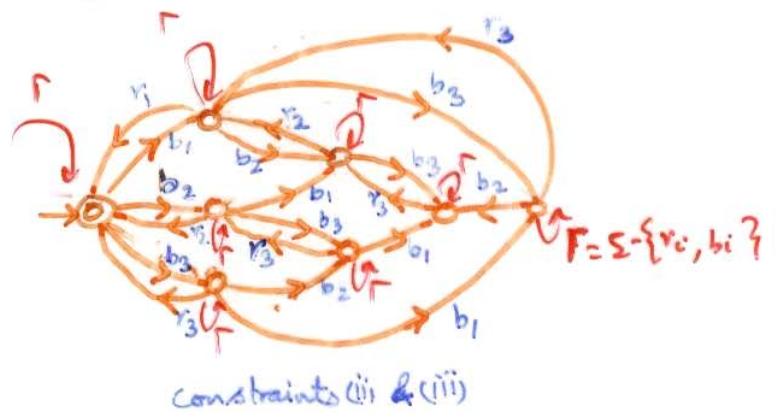
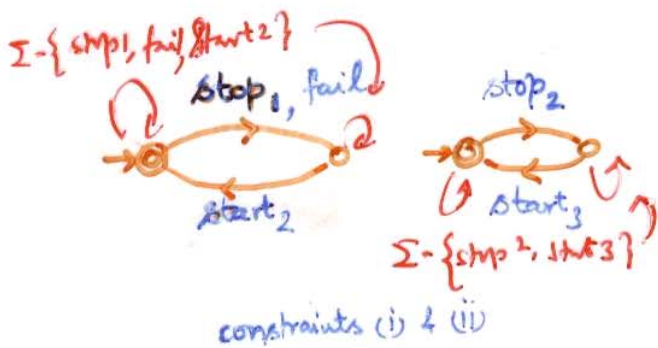


Control under complete observation



• Design controller that enables/disables events as the system evolves so that

- (i) Buffers B_1 and B_2 never overflow/underflow
- (ii) Upon completion machines and test unit should be idle and buffers empty
- (iii) Downline station has priority of repair over upline station(s)



• Events $start_i$, and $repair_i$ are the only events that can be enabled/disabled. Such events called controllable; others called uncontrollable.