

2. Model specification: the process of selecting variables to include in a model & ensuring that the distribution of the dependent variable is correctly specified.

Syntax of Petri Nets:

(Formal method for multitasking & synchronization,

- One of the mathematical modeling languages for the description of distributed systems.
- A class of discrete event dynamic system.)



Places

Nodes



Transitions



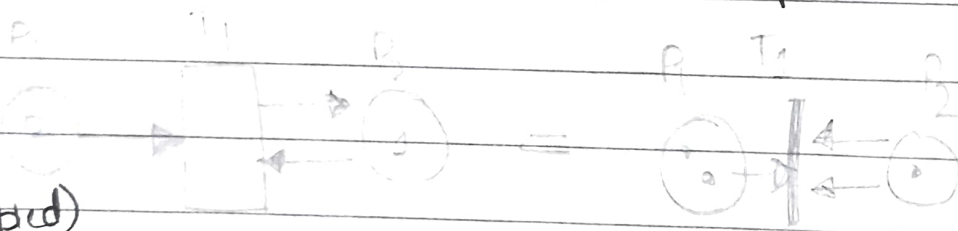
Inputs

Outputs

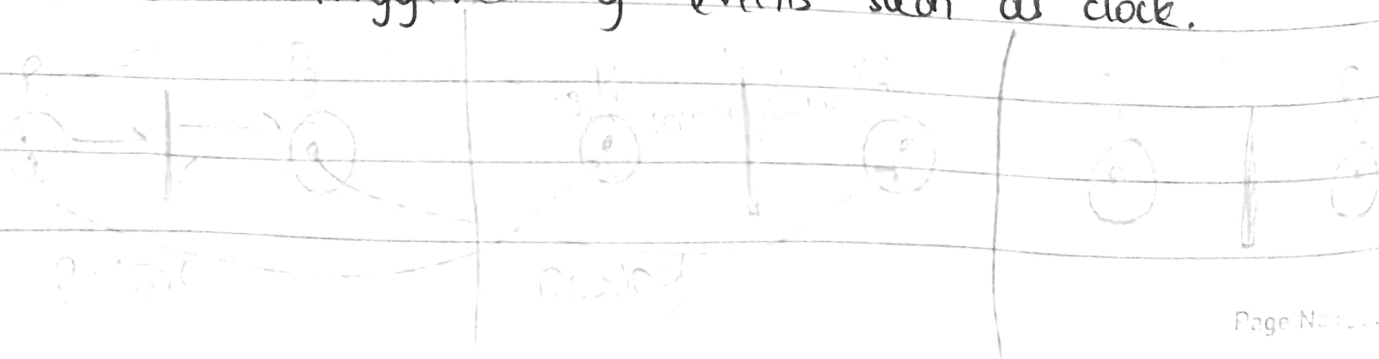


marks

tokens



- 1) ^(enabled) Transitions "fire" if all inputs have a token
- 2) Tokens are consumed and produced by transitions
(consumed) (produced)
- 3) All transitions are synchronized
- 4) Transitions triggered by events such as clock.



- 5b) Multiple transitions are enabled simultaneously
- 6) Evaluate all transitions to see which fire