



COMPUTER SCIENCE techniques

- Context Diagrams
- SADT Activity Diagrams
- Statemate Activity Charts
- Object Communication Diagrams
- JSD System Network Diagrams
- SDL Block Diagrams
- Sequence Diagrams
- Collaboration Diagrams



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COMPUTER More on Petri nets

- if there exists a marking which is reachable from the initial marking where no transitions are enabled, such a transition is called a "deadlock"
- a PN with no possible deadlock is said to be live, called the "liveness property"
- in simplest PN, tokens are uninterpreted
 - ■in general, a selection policy can not be specified
- have no "policy" for resolving conflicts, potential "starvation"
- many extensions:
 - Hierarchical Petri Nets
 - Colored tokens
 - "Or" transitions
 - Queues at places

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