

NETS VS. OTHER SYSTEM MODELS

- **Role of concurrency**
- **An awareness of finiteness of resources**
- **Possibility of using the same representation technique on different levels of abstraction**

MAJOR CHARACTERISTICS OF PETRI NETS

- **Causal dependencies/independencies can be represented explicitly**
- **Concurrency relation is introduced formally**
- **System may be represented on different levels of abstraction using the same methodology**
- **Net representations make it possible to verify system properties (proof of correctness)**