

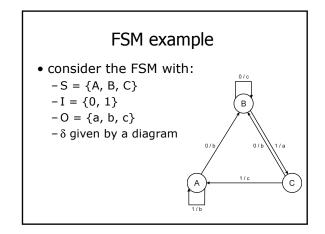
Overview (current EP)	
Representation	Real-valued vectors
Recombination	None
Mutation	Gaussian mutation
Parent selection	Deterministic
Survivor selection	Probabilistic (μ + μ)
Specialty	Self-adaptation of mutation step sizes (in meta-EP)

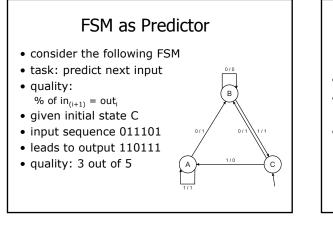
Prediction by Finite State Machines

- finite state machine (FSM):
 - states S
 - inputs I
 - outputs O
 - transition function δ : S x I \rightarrow S x O
 - transforms input stream into output stream

Prediction by Finite State Machines

• can be used for predictions, e.g. to predict next input symbol in a sequence





Modern EP

- no predefined representation
- no predefined mutation (must match representation)
- often applies self-adaptation of mutation parameters