

## VIII (cont'd) StoCharts.

Notiztitel

17.03.2005

Statechart : automaton + hierarchy + parallelism.

Configuration = Menge von Knoten, in denen das System gleichzeitig ist.

State = (Configuration, set of events)

Step = Zustandsübergang = maximal set of transitions that can be taken.  
(nondeterminism is possible)

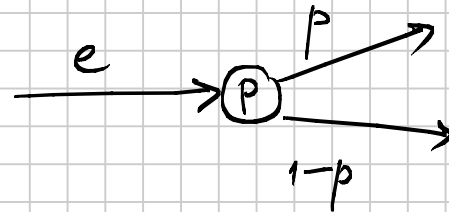
C

# Sto Chart

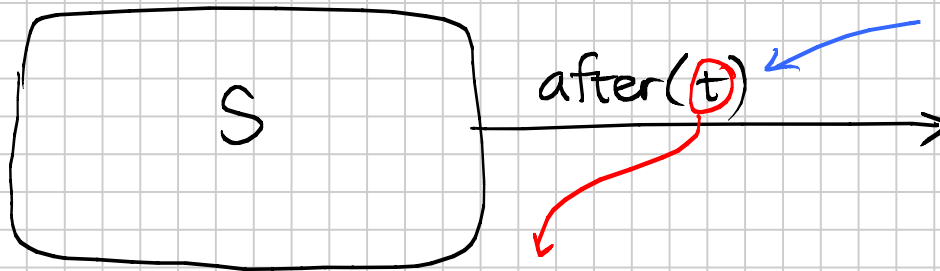
## Statechart

+ probabilistic choice

Edges  $\xrightarrow{e/a}$  are replaced by



+ stochastic timing (random timers)



extend to: after(cdf)

this edge is enabled.