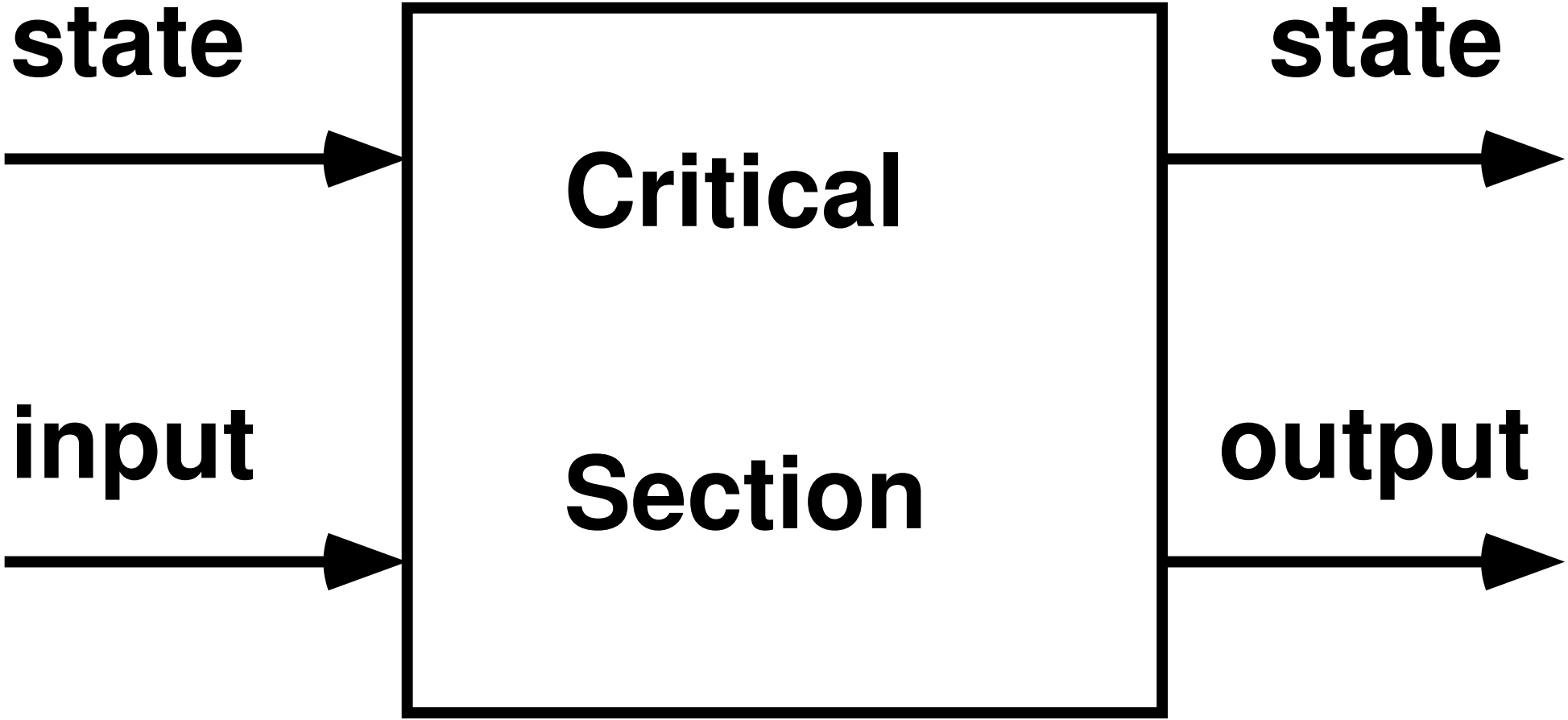
state
input
Critical
Section
state
output