

EECS 301

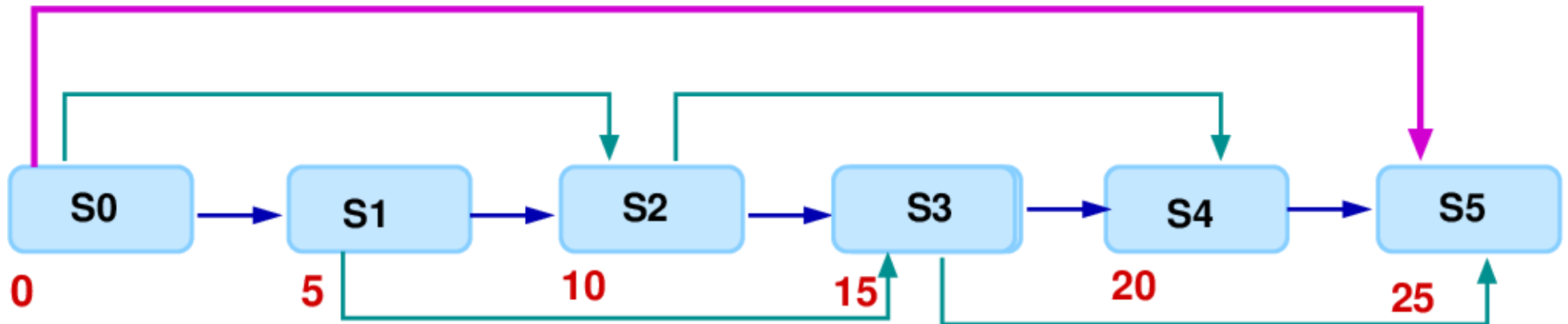
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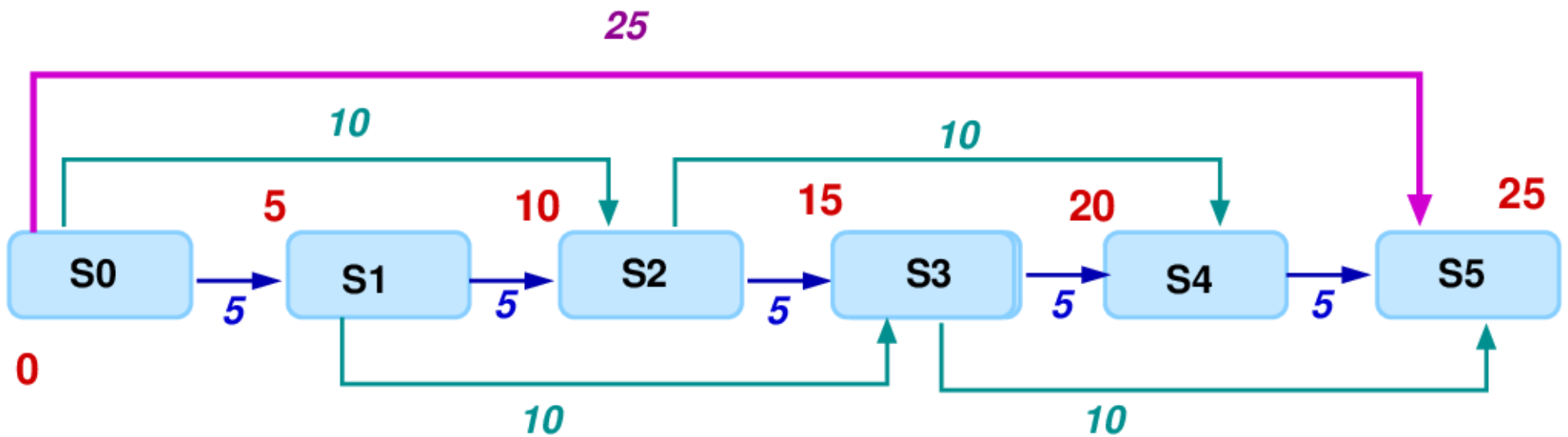
Coke machine state diagrams

Generating states based on coin values



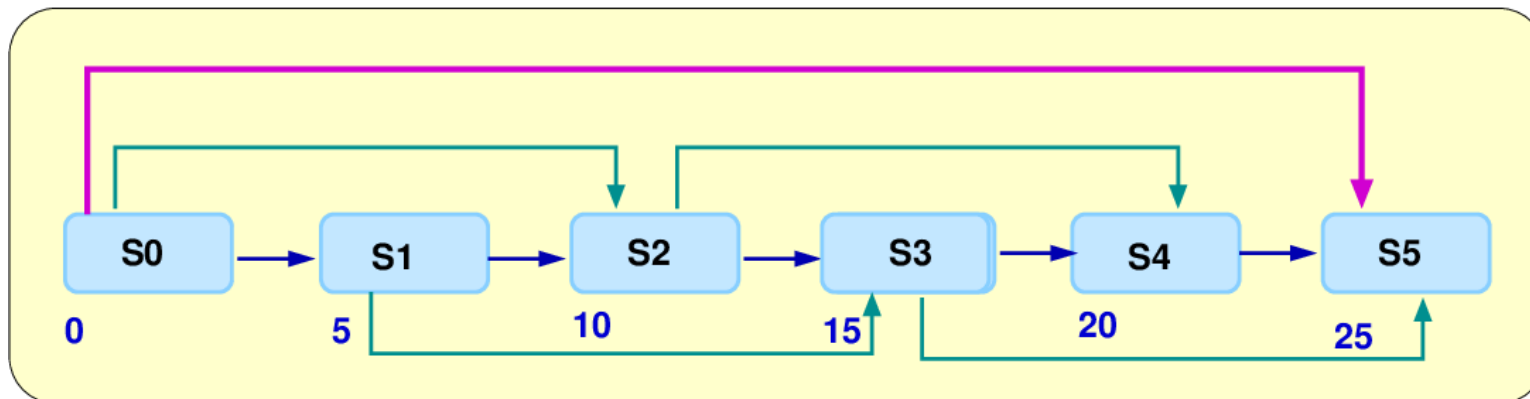
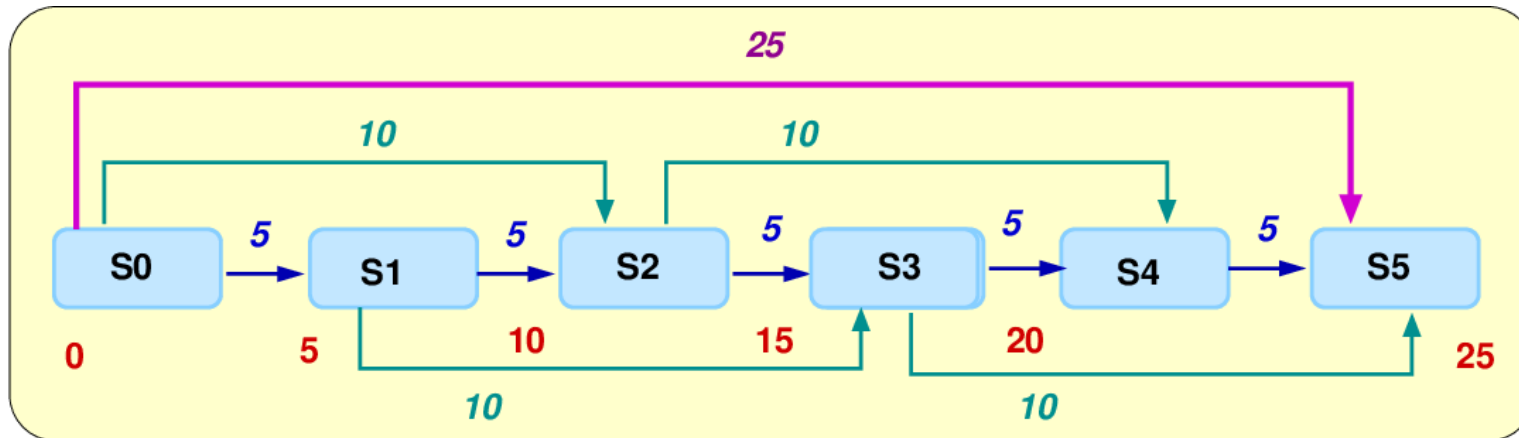
State diagrams

- Complete state diagram for 1/3 of the coke machine



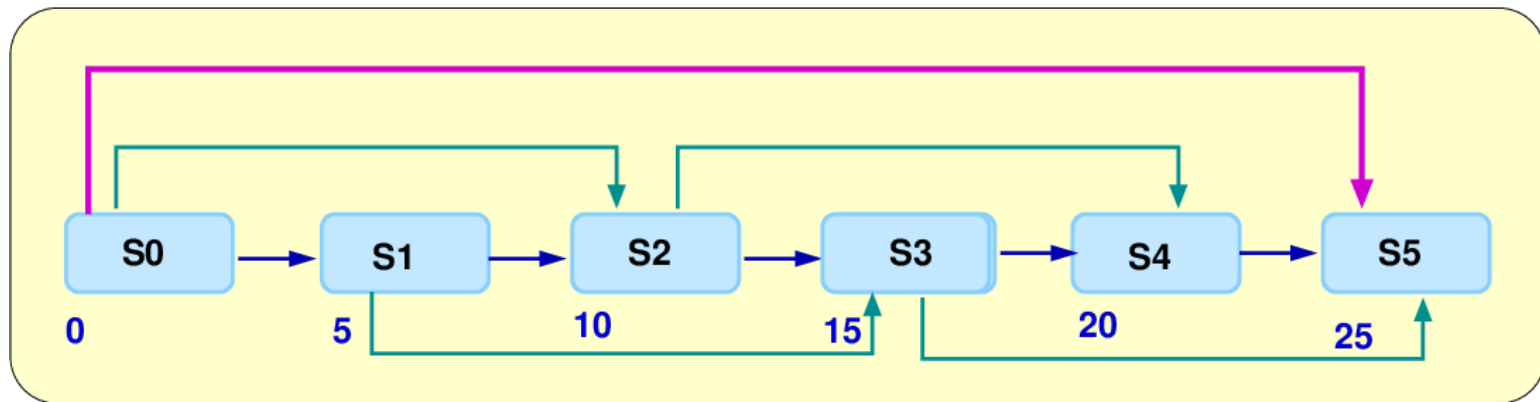
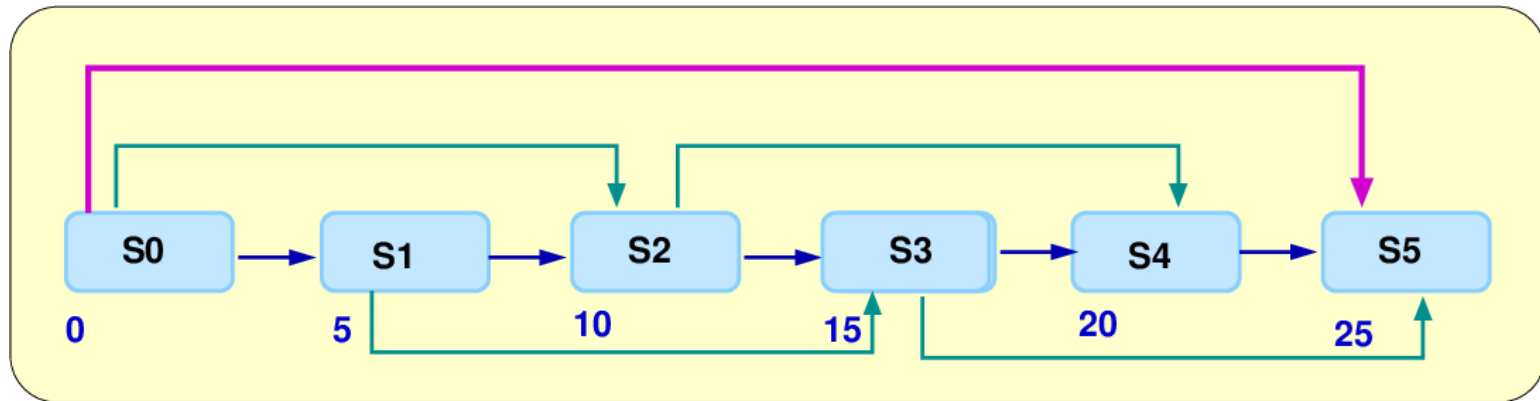
State diagrams (cont)

State diagram reuse – 2/3 of the coke machine



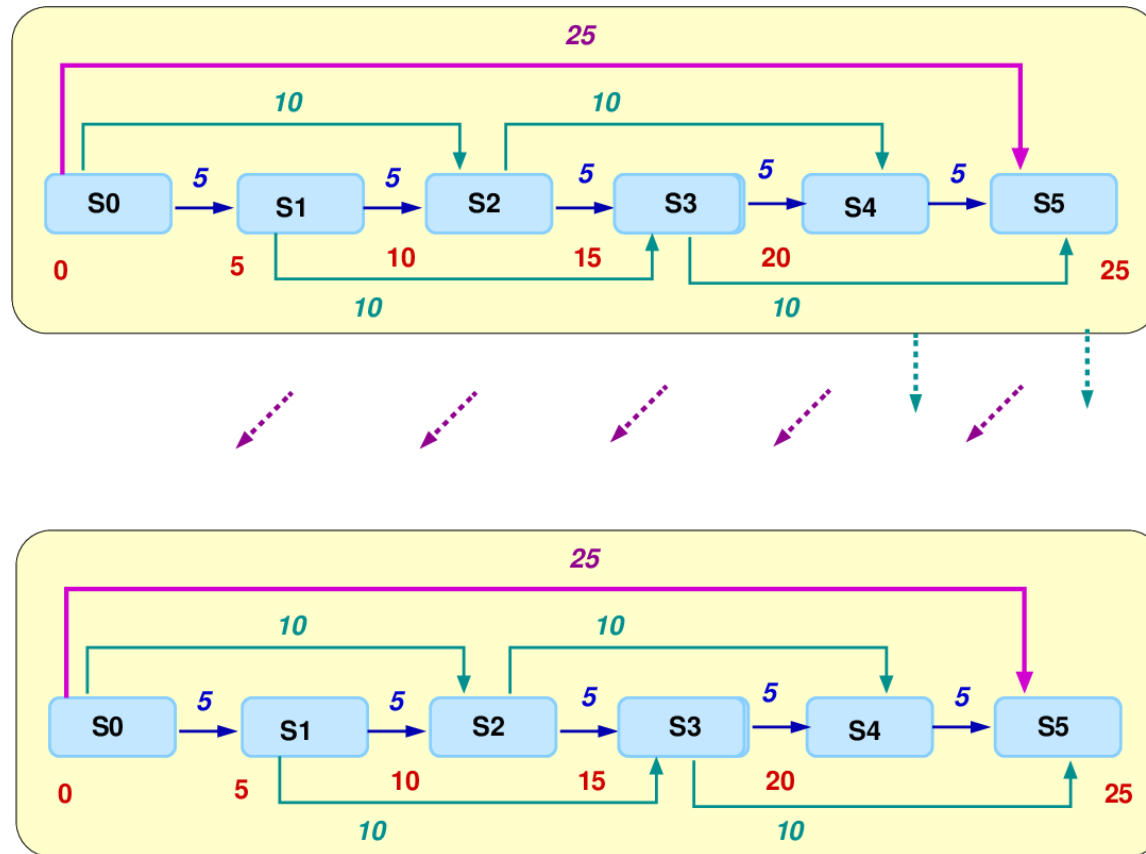
State diagrams (cont)

Reusing state components



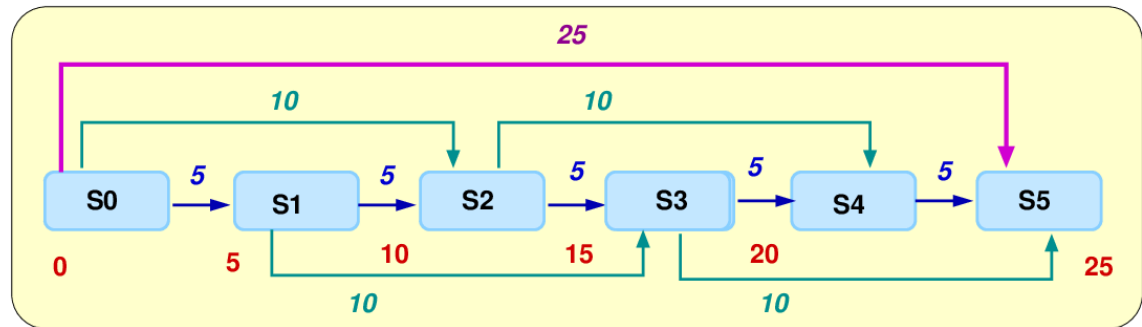
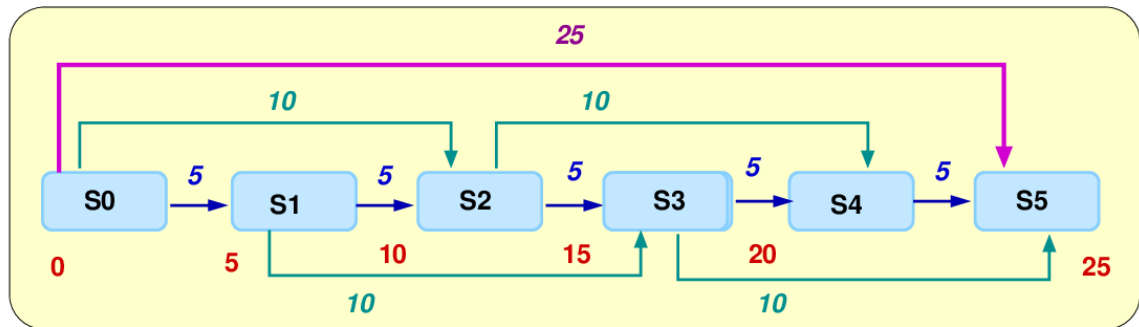
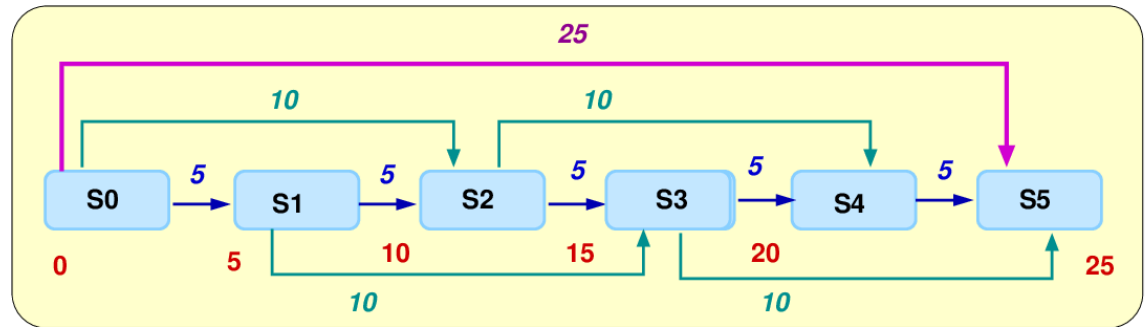
State diagrams (cont)

- Reusing state components – transitions



State diagrams (cont)

- Complete coke state machine — three state components



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