

Help

MOORE AND MEALY MACHINES



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1. CHECK YOUR UNDERSTANDING (1/1 point)

Which of the following may serve as inputs to the combinational logic of the outputs of a Finite State Machine? [Check all that apply]

- ☒ Current state of the FSM
- ☐ Outputs of the FSM
- ☒ Inputs to the FSM

EXPLANATION

Depending on the type of FSM (Moore or Mealy), the outputs may depend only on the current state, or on the current state and the inputs.

Final Check

Save

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2. CHECK YOUR UNDERSTANDING (1/1 point)

For which type of Finite State Machine do the outputs only depend on the current state? (**You have ONE submission**)

☐ Mealy☒ Moore 

EXPLANATION

In a Moore machine, the outputs only depend on the current state. In a Mealy machine, the outputs may depend on the inputs in addition to the current state.

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