6 Sequential Logic

Student Group

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6. Sequential Logic

"I Know What You Did Last Cycle"

6.1 State Diagram, State Transition Diagram

6.1.1 Motivation

The diagrams of different states are well known from physics for example the state diagram (or better: phase diagram) of water, where its three states are: solid ice, liquid water and gaseous steam. The possible state transitions are due to temperature increase or decrease.
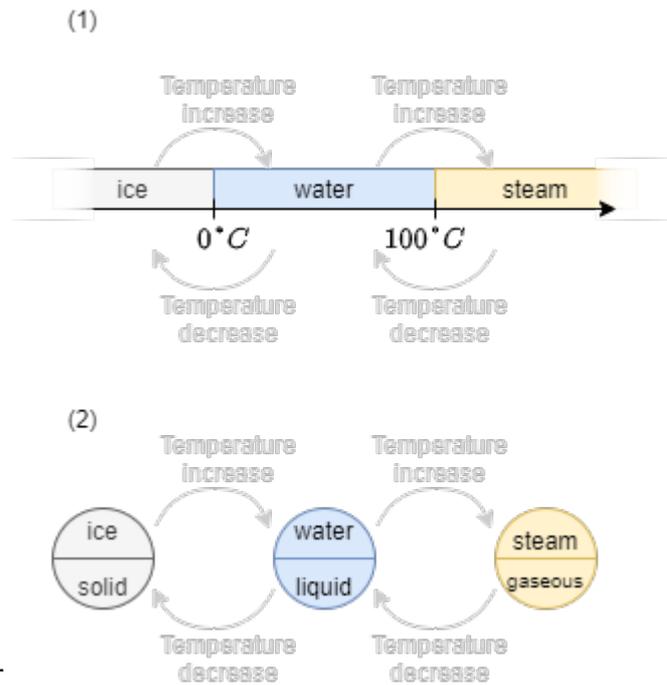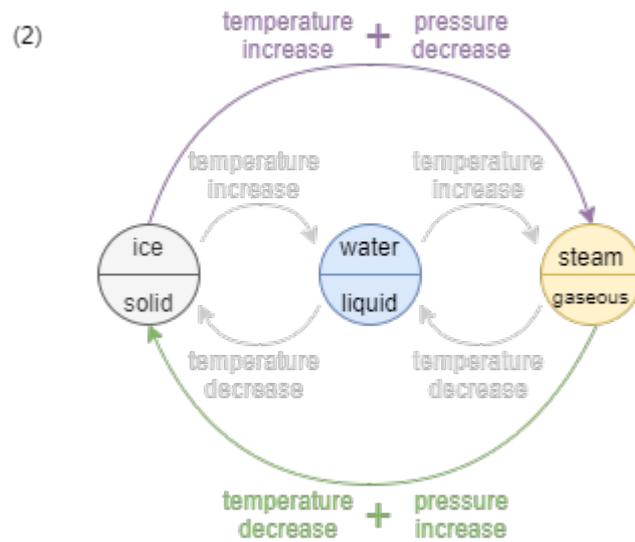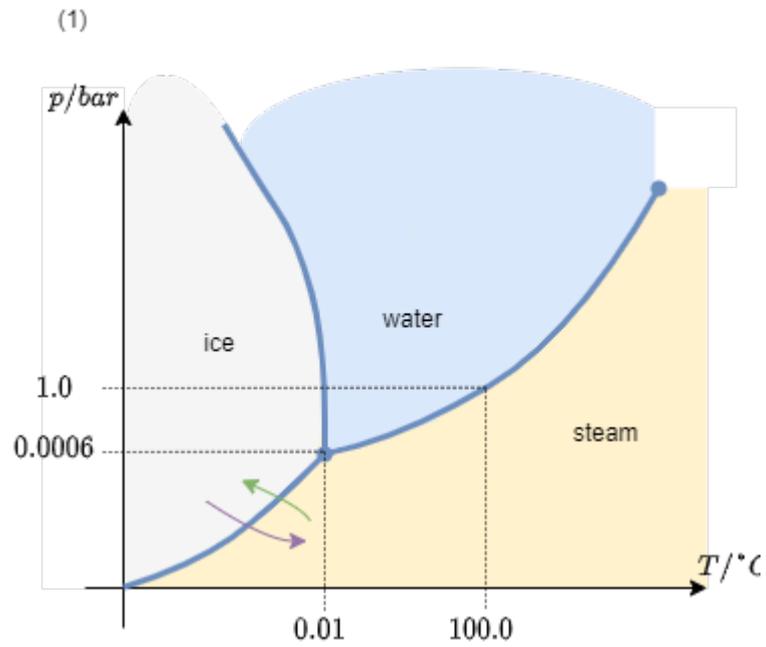

Fig. 9: State Diagram of water

(1)

(2)

Fig. 9: State Diagram of water