

# 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.

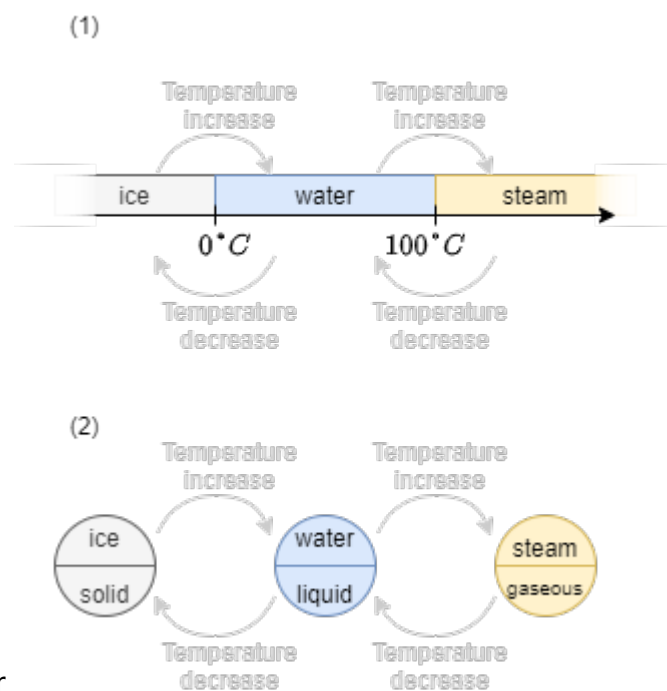


Fig. 9: State Diagram of water

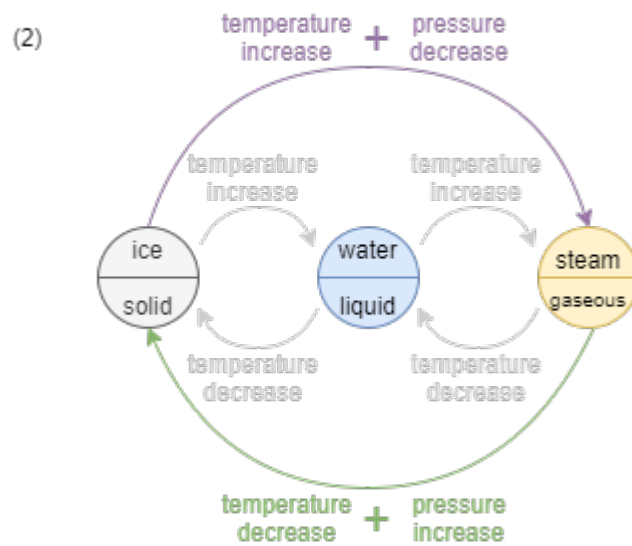
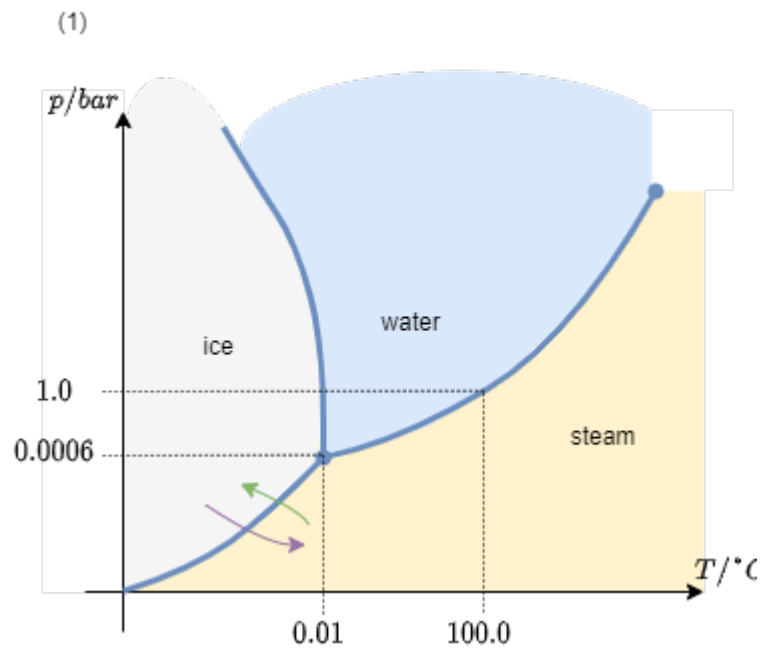


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Last update: 2021/11/21 23:46

