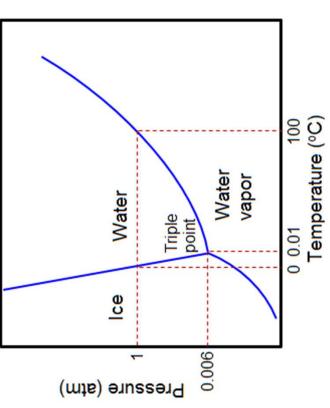
Phase Diagrams

One component system

component system. It is also known as pressure-temperature or boundaries. At low pressure (0.006 atm) and temperature (0.01 P-T diagram. Two phases exist along each of the three phase °C) all the three phases coexist at a point called triple point. The simplest phase diagram is the water which is a one

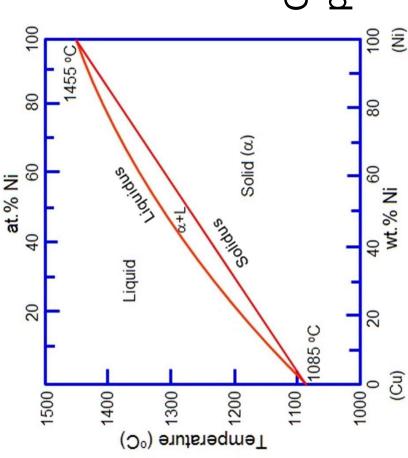
| Water phase | diagram



Binary Phase diagrams

➤A binary phase is a two component system. Binary phase diagrams are most commonly used in alloy designing.

➤ The simplest binary system is the Cu-Ni which exhibits complete solubility in liquid and solid state.



Cu-Ni equilibrium phase diagram