

## 3-b-7 Mixture weight

What is the total volume of the mixture liquid-vapor of  $10\text{ kg}$  of water at  $T = 90^\circ\text{C}$  when  $8\text{ kg}$  are in liquid state and the other  $2\text{ kg}$  in vapor state?

Answer:  $4.73\text{ m}^3$

Look at the example 3-4 in the book page 126.