

Mass concentrations of air and water on the Lake Constance

The sum of the diffusion flows of components over the surface of Lake Constance.

1. Task 8 in Stefan flow

In this task, the sum of the diffusion flows of components over the surface of Lake Constance must be derived under the conditions given in Fig. (1) over Lake Constance.

The sum of the diffusion flows of components is equal to zero, see Eq. (6.29) in the script.

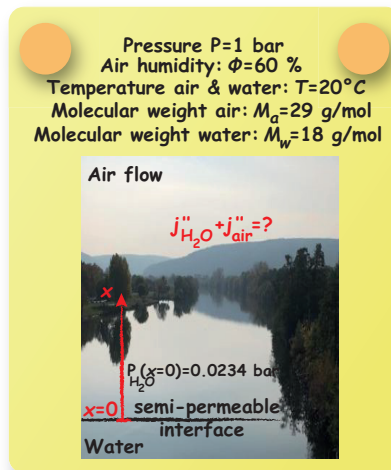


FIGURE 1. Problem definition.