

**Fluid Mechanics and Rate Processes: Tutorial 8**

P1. The reservoirs in Fig. P1 contain water at 20°C. If the pipe is smooth with  $L = 4500$  m and  $d = 4$  cm, what will the flow rate in  $\text{m}^3/\text{h}$  be for  $\Delta z = 100$  m?

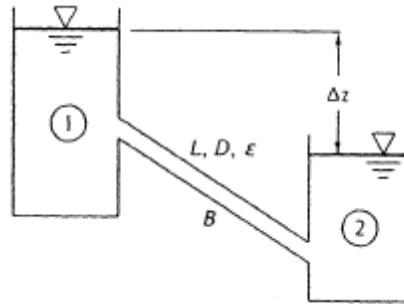


Fig. P1