

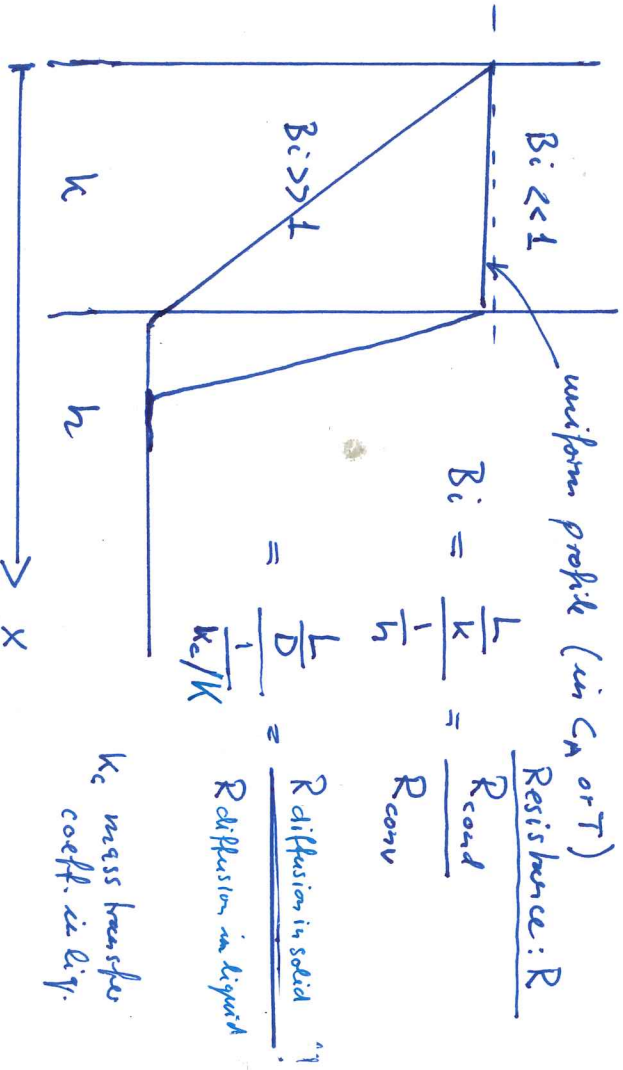
Heat transfer

Mass transfer

Fig. 1. The model

$$Bi = \frac{hL}{k} = \frac{L}{\frac{k}{h}}$$

$$Bi = \frac{kcL}{KD}$$



For the lump (capacitance) method a uniform profile is required, i.e. C_A or T does not change much with x .