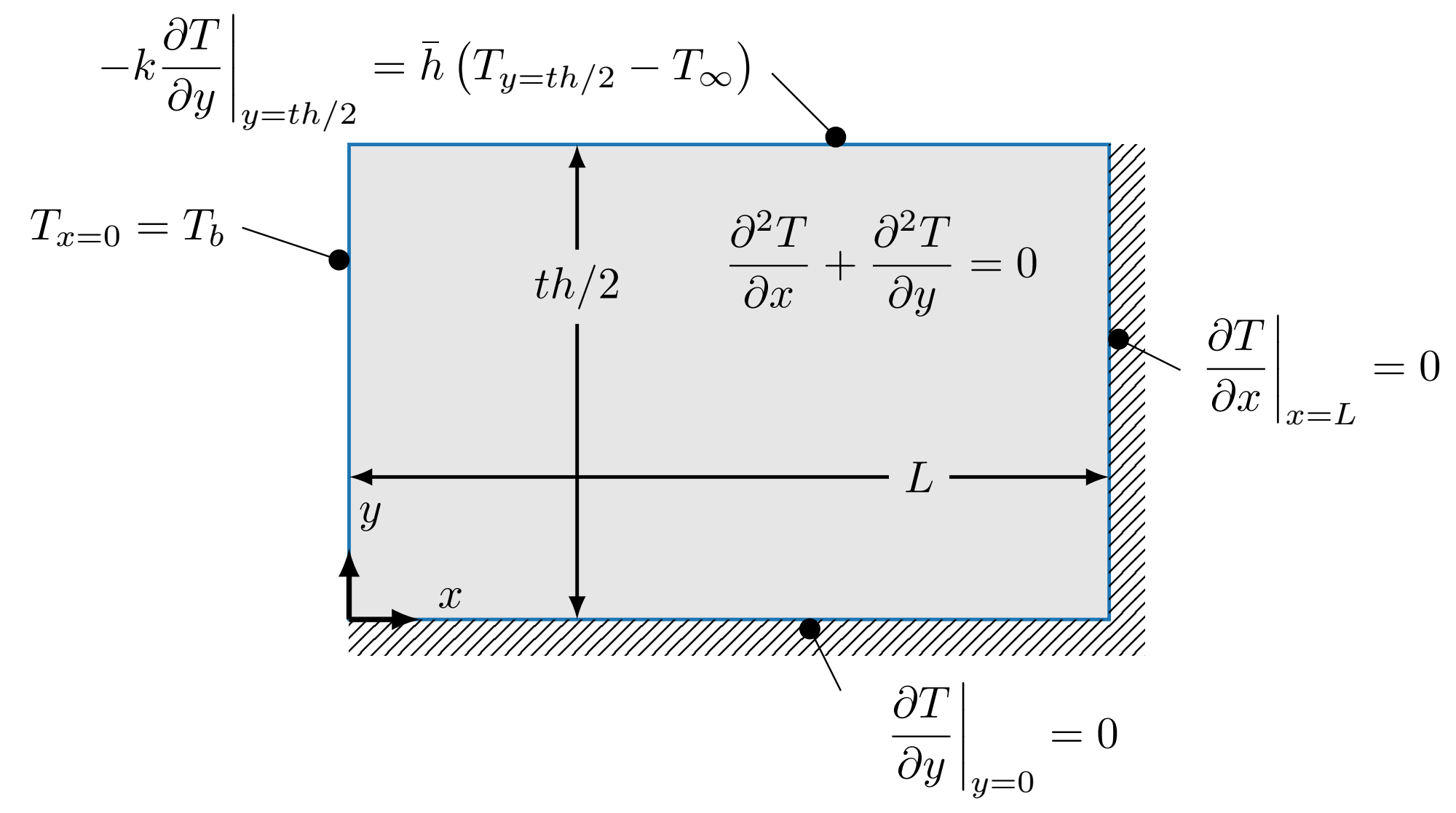
$-k\left.\frac{\partial T}{\partial y}\right|_{y=th/2} = \bar{h}\left(T_{y=th/2} - T_\infty\right)$
$T_{x=0} = T_b$
$th/2$
$\frac{\partial^2 T}{\partial x} + \frac{\partial^2 T}{\partial y} = 0$
$\left.\frac{\partial T}{\partial x}\right|_{x=L} = 0$
L
y
x
$\left.\frac{\partial T}{\partial y}\right|_{y=0} = 0$