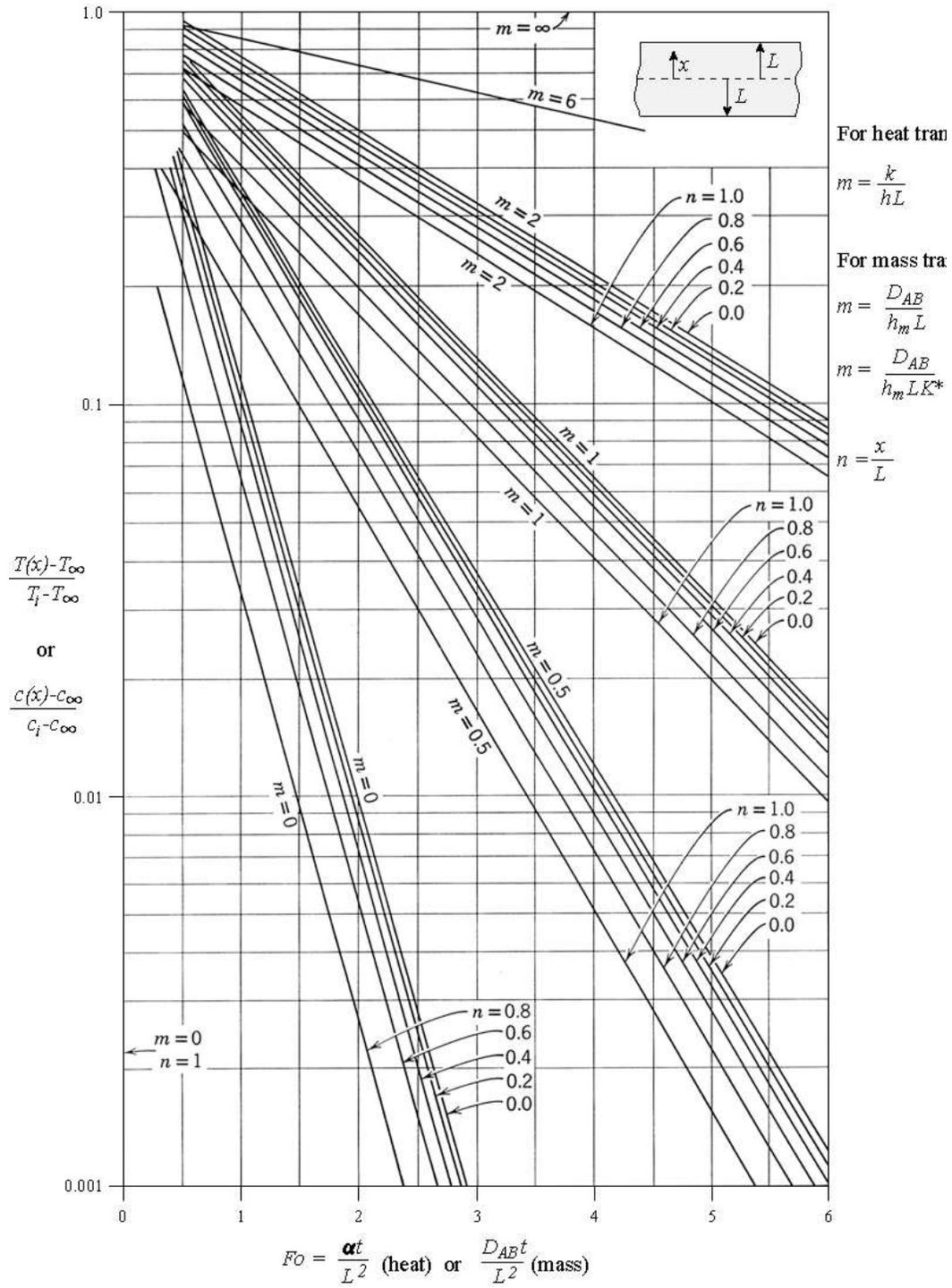
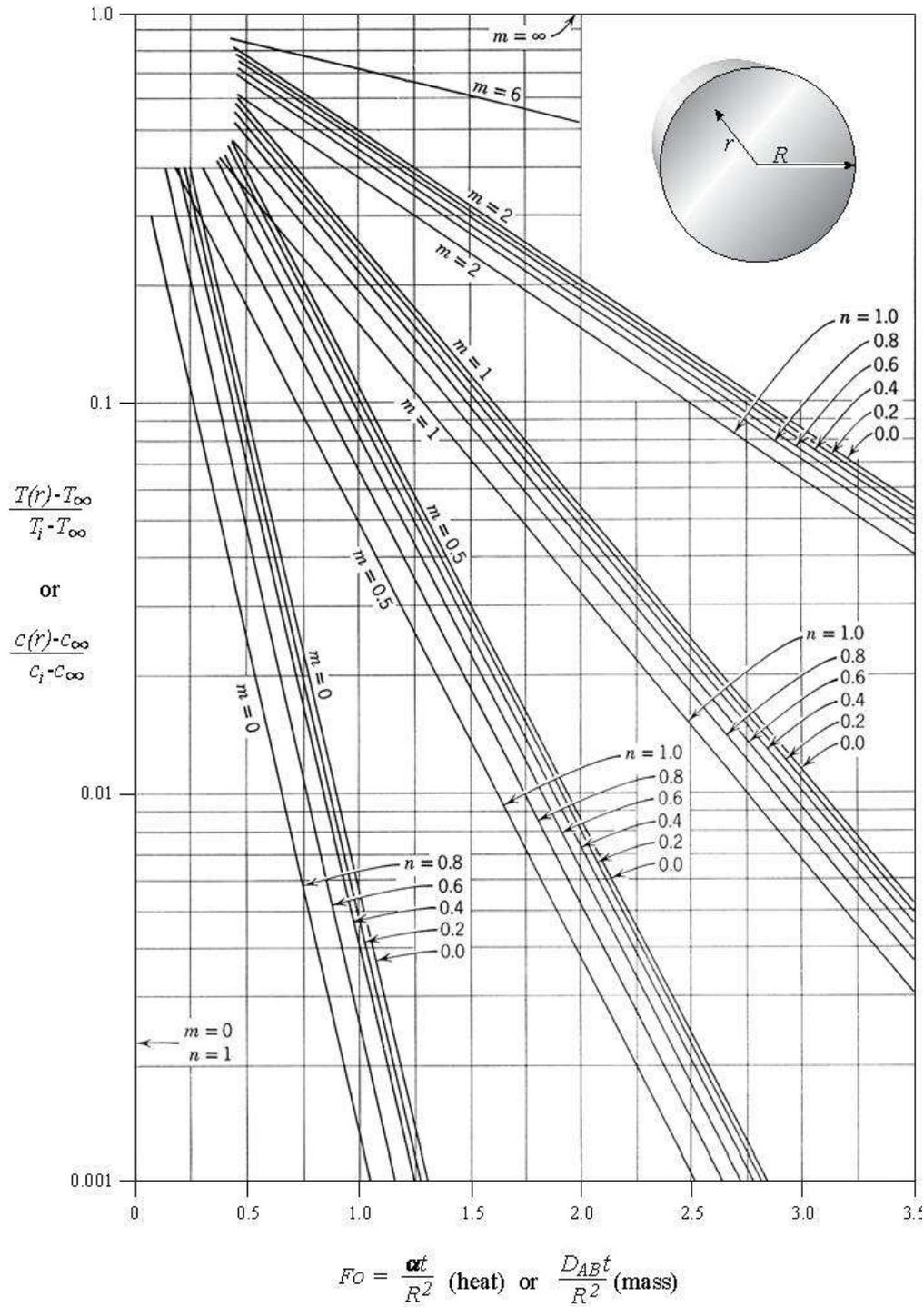


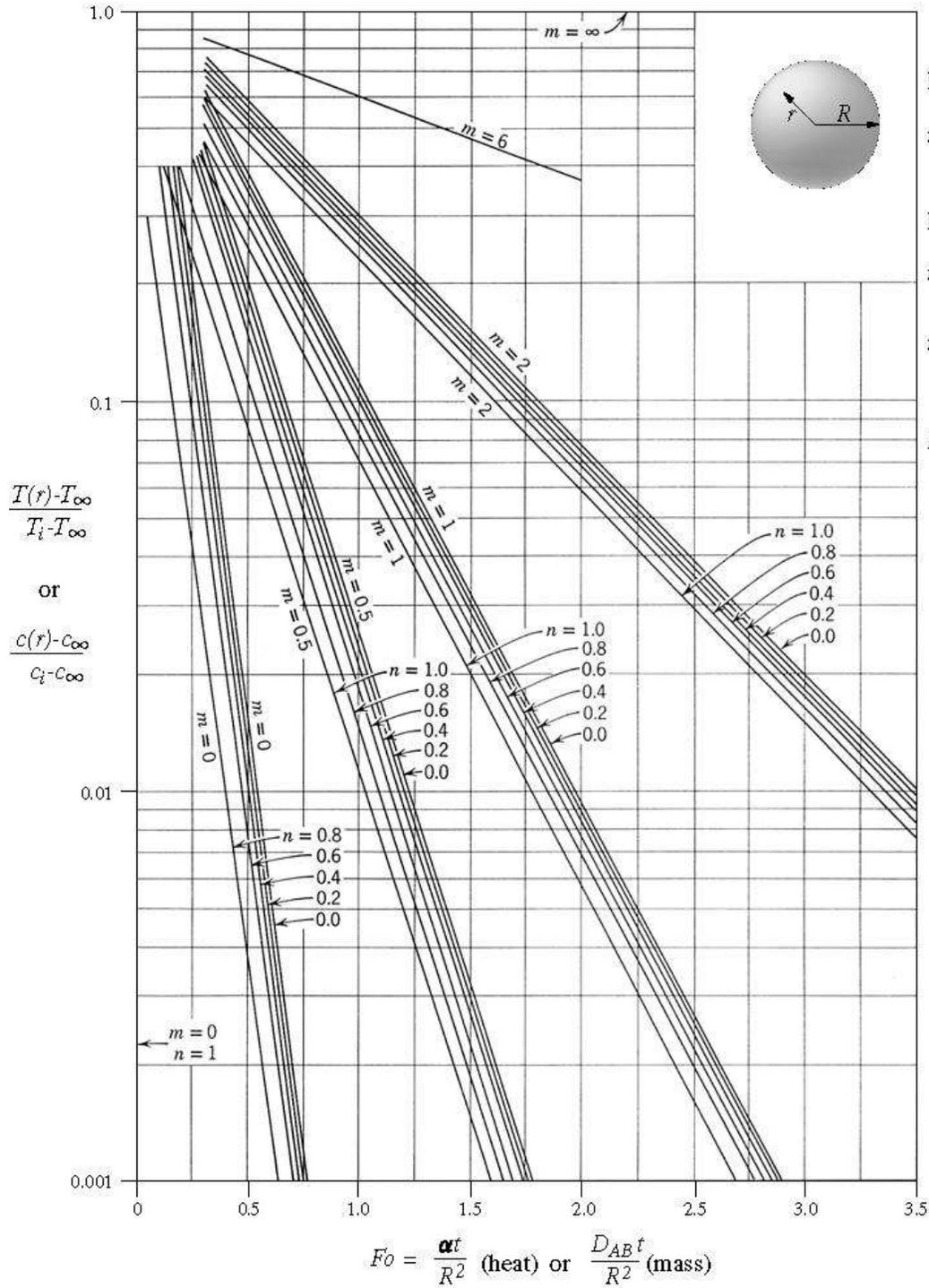
Heisler Chart (slab):



Heisler Chart (cylinder):



Heisler Chart (sphere):



For heat transfer,

$$m = \frac{k}{hR}$$

For mass transfer,

$$m = \frac{D_{AB}}{h_m R} \quad \text{for } K^* = 1$$

$$m = \frac{D_{AB}}{h_m R K^*} \quad \text{for } K^* \neq 1$$

$$n = \frac{r}{R}$$