

Fig. 9.11 Temperature response of an infinite plate initially at a uniform temperature T_i , and then subjected to a convective environment at T_f .

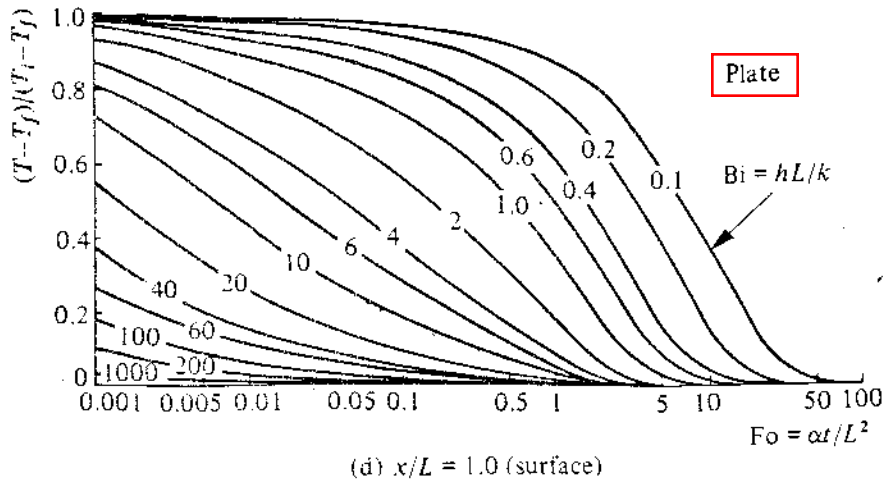


Fig. 9.11 (continued)

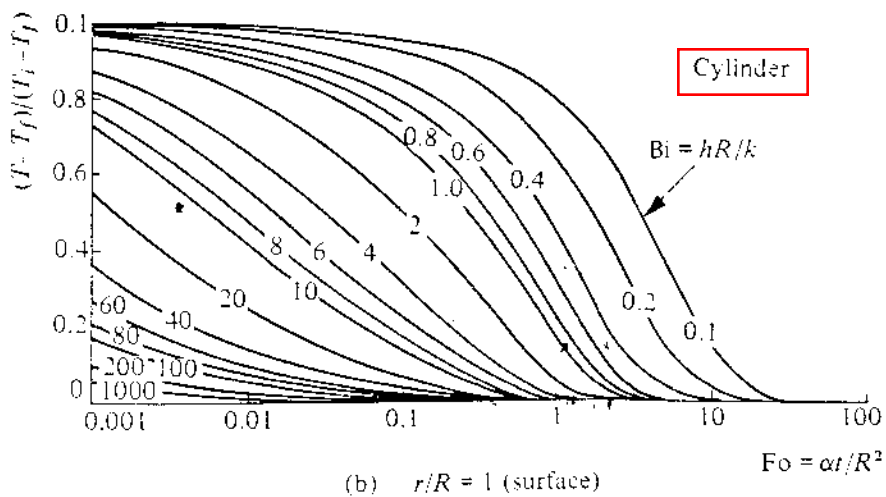
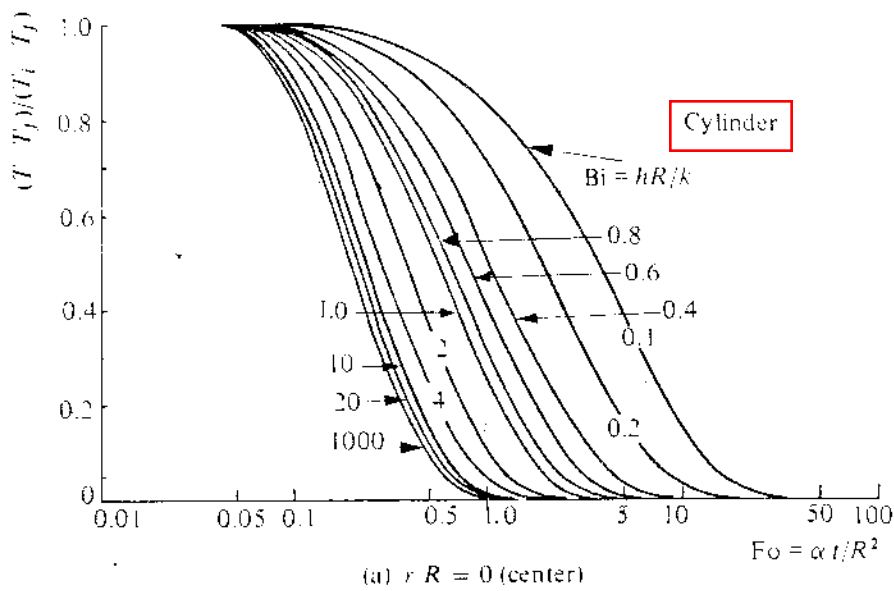
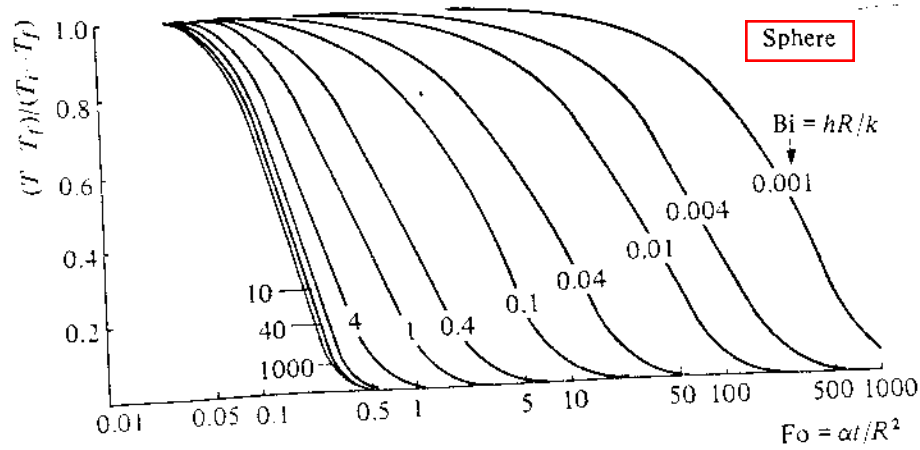
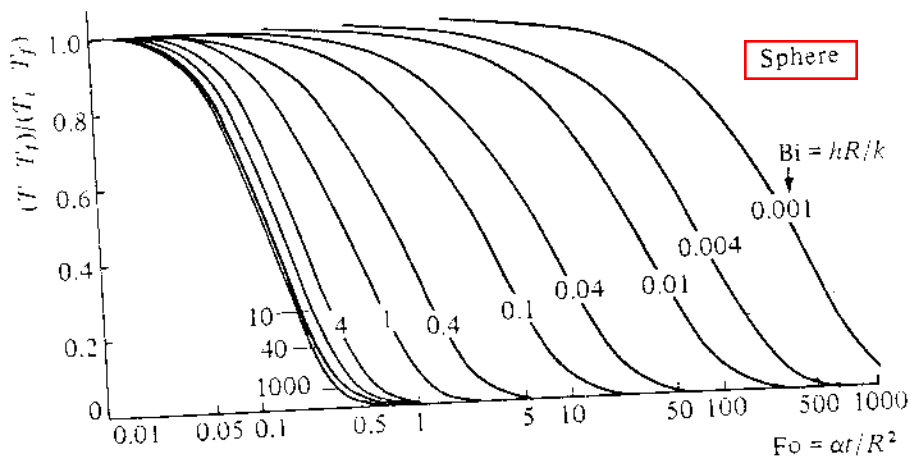


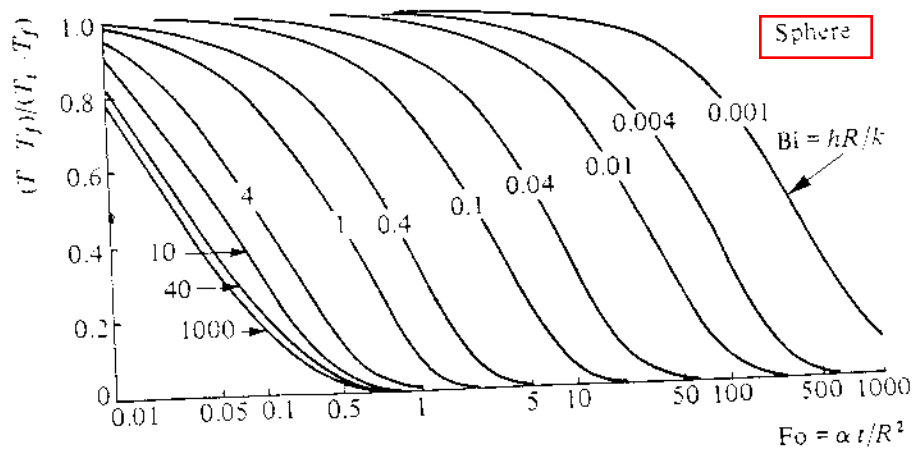
Fig. 9.12 Temperature response of an infinite cylinder initially at a uniform temperature T_i , and then subjected to a convection



(a) $r/R = 0$ (center)



(b) $r/R = 0.4$



(c) $r/R = 0.8$

9.4.3 Temperature response of a sphere initially at a uniform temperature T_i , and then

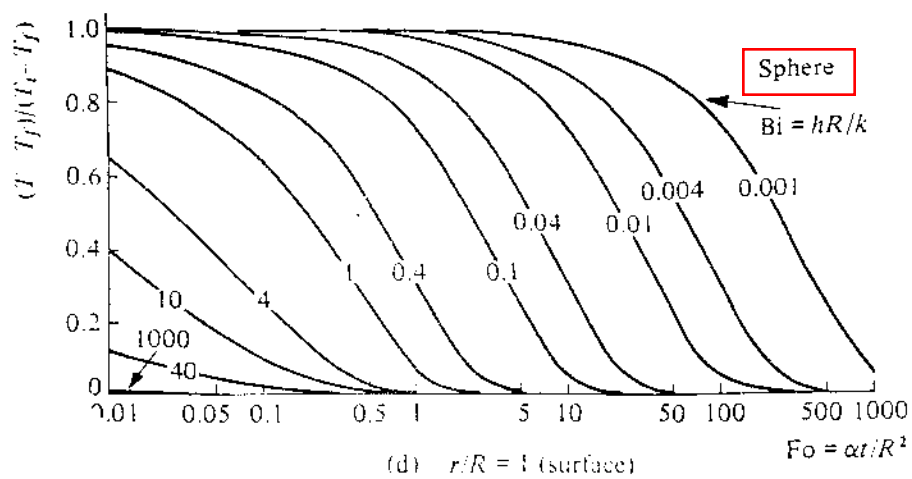


Fig. 9.13 (continued)