

CORRIGENDUM

'The asymptotic form of the laminar boundary-layer mass-transfer rate for large interfacial velocities', by ANDREAS ACRIVOS, *J. Fluid Mech.* **12**, 1962, pp. 337-357.

(i) In the three places where it occurs on page 350, change

$$\frac{\sqrt{2jL}}{\rho DB} \text{ into } \left(\frac{\nu}{U_\infty L}\right)^{\frac{1}{2}} \frac{2^{\frac{1}{2}} jL}{\rho DB}.$$

(ii) On page 356, change the second equation in (70) into

$$b = 0.407(Bb)^{\frac{1}{2}} \exp\{-0.901(Bb)^{\frac{1}{2}}\} \text{ for } B \gg 1.$$

Thus, because of an error in one of the numerical coefficients in equation (70), the asymptote for $B \gg 1$ shown in figure 6 is incorrect. A new version of figure 6 is therefore presented below which, for completeness, also includes the solution for $-1 < B < 0$ together with the asymptote

$$b \rightarrow 0.841(1+B)^{-\frac{1}{2}} \text{ as } B \rightarrow -1.$$

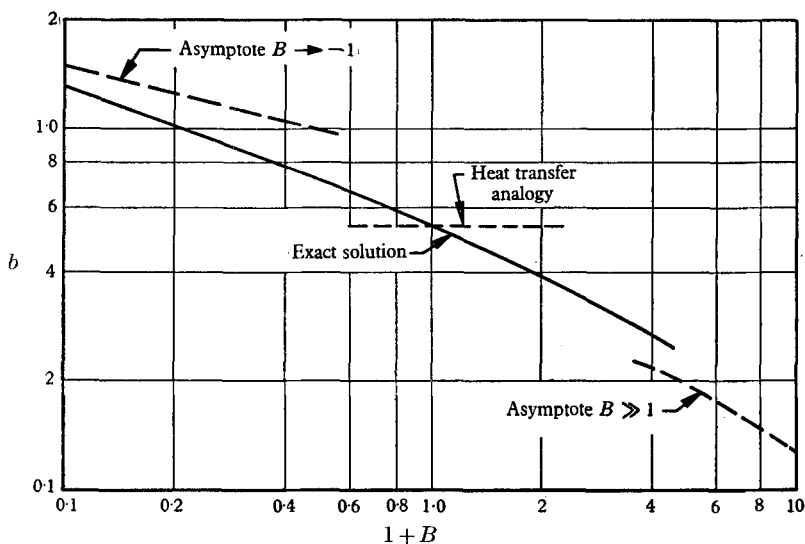


FIGURE 6. Free convection for large Sc ; b is defined by equation (69).