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Errata

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ERRATA

Displacement and Dispersion of Particles of Finite Size in Flow Channels with Lateral Forces. Field-Flow Fractionation and Hydrodynamic Chromatography

J. CALVIN GIDDINGS

[article in *Separation Science and Technology*, 13(3), 241-254 (1978)]

On page 248, Eq. (24) should read:

$$\frac{H}{H_{id}} = \frac{\chi^*}{\chi_{id}} \left[\frac{R^*(1 - 2\alpha)^6}{6(\alpha - \alpha^2) + R^*(1 - 2\alpha)^2} \right]$$

Equation (26) should read:

$$\frac{H}{H_{id}} = \frac{\chi[\lambda_{id}/(1 - 2\alpha)]}{\chi(\lambda_{id})} \left[\frac{(1 - 2\alpha)^5}{\frac{(1 - 2\alpha)^5}{\lambda_{id} \left\{ \coth - \frac{1 - 2\alpha}{2\lambda_{id}} - \frac{2\lambda_{id}}{(1 - 2\alpha)} \right\}} + (1 - 2\alpha)} \right]$$

Equation (27) should read:

$$\frac{H}{H_{id}} = \left[\frac{(1 - 2\alpha)^6}{6(\alpha - \alpha^2) + (1 - 2\alpha)^2} \right]$$

This leads to the correction of Fig. 4 on p. 251. The corrected figure is shown as Fig. 1. We thank Dr. Michel Martin of our laboratory for bringing this matter to our attention.

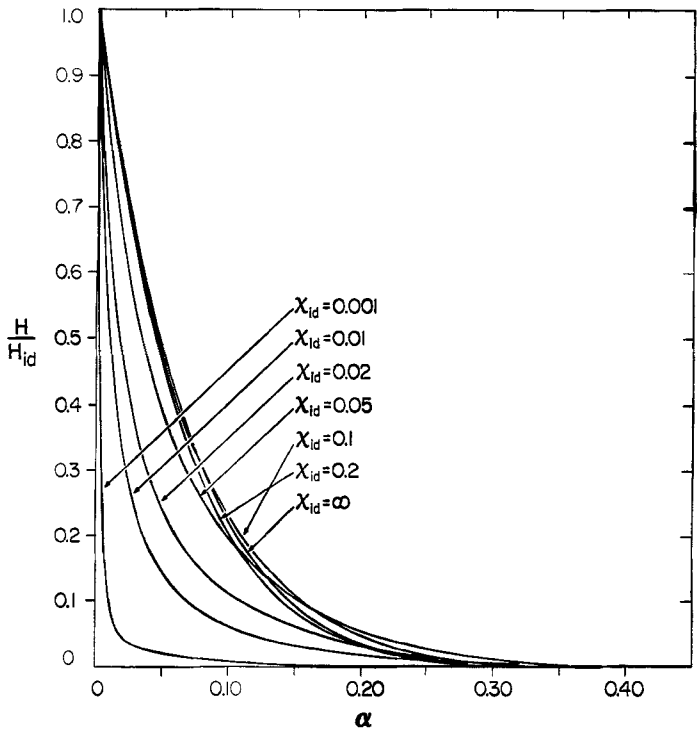


FIG. 1. Correction on Fig. 4 of article "Displacement and Dispersion of Particles . . .," J. Calvin Giddings, *Sep. Sci. Technol.*, 13(3), (1978), showing ratio of plate height, H , to its value (ideal) in the absence of particle-size effects, H_{id} , as a function of dimensionless particle size, α .