Erratum
Tsutomu Kawasaki

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ERRATUM

Gradient Hydroxyapatite Chromatography with Small Sample Loads. III. Fundamental Differential Equation for Gradient Chromatography

TSUTOMU KAWASAKI

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On page 819, the fourth paragraph reads incorrectly. The corrected paragraph is as follows:

For each component of the mixture the ratio $(R_F)_\lambda$ of the migration rate of molecules to the migration rate of the solvent in an elementary volume δV at any column position L' should be equal to the ratio B_λ of the amount of molecules existing in the interstitial liquid (i.e., the mobile phase) to the total amount in that elementary volume. This is a first principle of chromatography in the case of the quasi-static process $(1,3)$. B_λ and the mean value B of B_λ within the column section are both independent of the total amount of molecules in the column section if the amount of molecules is small because, in this situation, the linear section of the adsorption isotherm should be realized. With stepwise chromatography the migration of molecules on the column can, in fact, be described by using Eq. (1) (see Ref. 1, Appendix III).