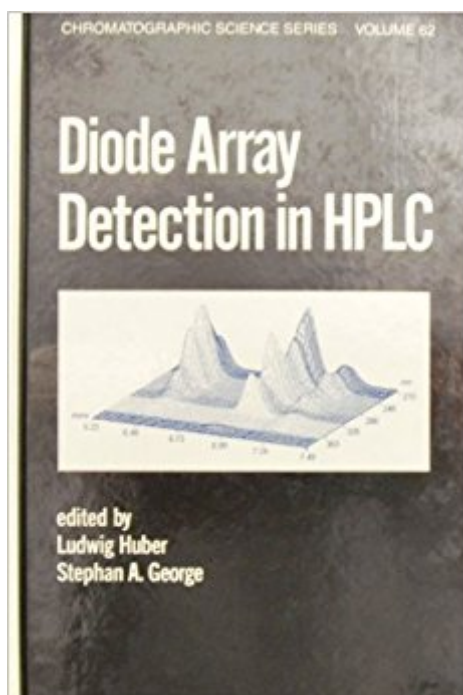


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# Diode Array Detection In HPLC (Chromatographic Science Series)



## Synopsis

This resource discusses the principles and techniques of diode array detectors, compares them to conventional absorbance detectors, and examines their applications in high-performance liquid chromatography.;Providing guidelines on how to optimize diode array detectors for high sensitivity, selectivity, linearity and automation, Diode Array Detection in HPLC presents: early developments in diode array technology; current areas of application; computer techniques for spectral library searching; the mathematical basis of spectral deconvolution; practical uses of ultraviolet spectra for peak purity control and peak confirmation; chromatographic examples for HPLC applications, and more.;Diode Array Detection in HPLC is a practical guide for analytical, food, and pharmaceutical chemists and biochemists; analytical laboratory managers, consultants, and operators; and upper-level undergraduate, graduate, and continuing-education students in these disciplines.

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