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# **Unified Separation Science**

Unified Separation
Science

J. Calvin Giddings



## Synopsis

Unifies the complex welter of techniques used for chemical separations by clearly formulating the concepts that are common to them. The mass transport phenomena underlying all separation processes are developed in a simple physical-mathematical form. The limitations and optimum performance of alternative separation techniques and the factors enhancing and limiting separation power can thus be described and explored. Generously illustrated and contains numerous exercises. Long awaited in the scientific community, it breaks new ground in understanding separation processes.

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Unifies the complex welter of techniques used for chemical separations by clearly formulating the concepts that are common to them. The mass transport phenomena underlying all separation processes are developed in a simple physical-mathematical form. The limitations and optimum performance of alternative separation techniques and the factors enhancing and limiting separation power can thus be described and explored. Generously illustrated and contains numerous exercises. Long awaited in the scientific community, it breaks new ground in understanding separation processes.

Required text for one of my courses. Very Useful!

She was very helpful with additional requests and available all the time. The product is good enough

for the price. The book had a few coffee stains and some markings she didn't tell about in the product description but that is why it was cheaper than the others. I would recommend doing business with this seller.

I've used this book in my own research and also in teaching grad level chemical separations course -- an excellent resource. A perfect "career bookend" to Giddings' early work "Dynamics of Chromatography".

Is a great book for people starting in any type of separation sciences. It is easy to understand and explains many important concepts that are necessary to understand the chromatographic phenomena.

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