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Although Introduction to Transport Phenomena by Dr. Thomson is a great primer, and Transport Phenomena by Bird Stewart & Lightfoot is the "Bible," I suggest that one maintains a 'living library' of reference material that helps understanding in this subject area.

Introduction to Transport Phenomena: William J. Thomson

Transport Phenomena is written for advanced undergraduates and graduate students in chemical and mechanical engineering. Upon mastering the principles and techniques presented in this text, all readers will be better able to critically evaluate a broad range of physical phenomena, processes, and systems across many disciplines.

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Transport Phenomena - R. Byron Bird, Warren E. Stewart

Transport Phenomena CHAPTER 1 Drying of Solids 1.1 Introduction. Drying refers to the removal of water, or another solute "liquid", to reduce the content of residual liquid to an acceptably low value. The drying of materials is often the final operation in a manufacturing process, carried out immediately prior to packaging or dispatch.

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Transport Phenomena 2nd Edition R. Byron Bird, Warren E. Stewart, Edwin N. Lightfoot; Chapter 2 pg. 40-74 Chapter 2: Shell Momentum Balances and Velocity Distributions in Laminar Flow Introduction: In this chapter show how to obtain the viscosity profiles for laminar flows in simple systems.

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transport phenomena (2nd ed) Bird, Stewart, Lightfoot (2002)

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