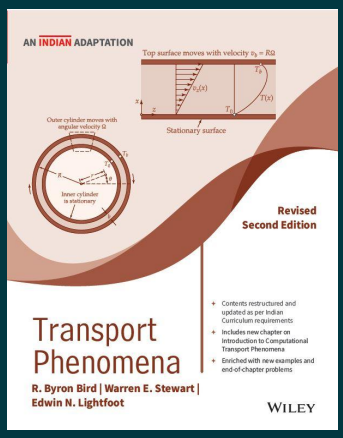
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Transport Phenomena Revised 2ed (An Indian Adaptation)

By R. Byron Bird , Warren E. Stewart , Edwin N. Lightfoot

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Description

Transport Phenomena is a well-established textbook that presents the three topics momentum, heat, and mass transport; and provides an analogous approach to studying these three topics. It is specifically designed for undergraduate and postgraduate level in the Chemical Engineering curriculum. The textbook is centered around these topics covering the basics mechanisms, shell balance approach to develop governing equations, development, and application of equation of change to find the velocity and/or temperature and/or concentration profile, and macroscopic approach of transport phenomena.

About the Author

R. Byron Bird , Warren E. Stewart , Edwin N. Lightfoot

R. Byron Bird (“Bob”) was born in Bryan, Texas, on 5 February 1924. After finishing high school in Washington, DC, he started chemical engineering at the University of Maryland in 1941. In mid-1943 he was inducted into the army, went through basic training in Alabama, and to Officer Candidate School in Edgewood Arsenal, Maryland. He was then assigned to the 90th Chemical Mortar Battalion

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- The Concept of a Continuum
- Conservation Laws: Mass, Momentum

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