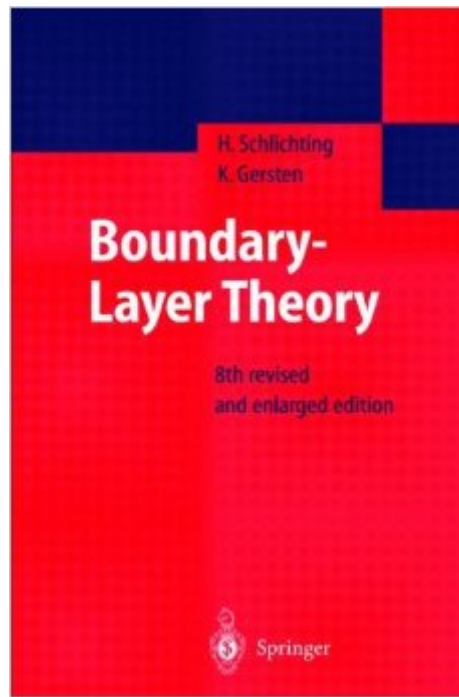


The book was found

# Boundary-Layer Theory



## Synopsis

A new edition of the almost legendary textbook by Schlichting completely revised by Klaus Gersten is now available. This book presents a comprehensive overview of boundary-layer theory and its application to all areas of fluid mechanics, with emphasis on the flow past bodies (e.g. aircraft aerodynamics). It contains the latest knowledge of the subject based on a thorough review of the literature over the past 15 years. Yet again, it will be an indispensable source of inexhaustible information for students of fluid mechanics and engineers alike.

## Book Information

Hardcover: 800 pages

Publisher: Springer; 8th edition (March 22, 2000)

Language: English

ISBN-10: 3540662707

ISBN-13: 978-3540662709

Product Dimensions: 9.2 x 1.7 x 6.1 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars [See all reviews](#) (10 customer reviews)

Best Sellers Rank: #646,229 in Books (See Top 100 in Books) #48 in [Books > Engineering & Transportation > Engineering > Aerospace > Aerodynamics](#) #147 in [Books > Engineering & Transportation > Engineering > Chemical > Fluid Dynamics](#) #190 in [Books > Science & Math > Physics > Solid-State Physics](#)

## Customer Reviews

this is a classic book. however, the new 8th edition is not translated very well. i have an older english version (6th edition, 1968) that is translated much better. even where the content is the same between the two editions, the "updated" translation is worse than in the original version.

This is the classic book on the subject to be ever written and retains its class by incorporating some of the recent developments in the boundary layer theory. A great collection for anyone in the field of turbulence, aerodynamics ...

Although I have only the first edition, I still find it to be of immense value, and hands-down superior to any other book on the subject (save the newer edition perhaps). It seamlessly weaves together theory, mathematics, and experimental observation, into a very readable and (surprisingly)

interesting text. Because it explains the fundamentals so well, Schlichting's book is one of those rare engineering classics that will continue to be of value for a very long time to come.

Amazing text by the original author, revised and updated and delivered in a new, clean package. Great book and THE text for anyone learning about or doing high end research in boundary layers.

This is a classic and complete book for someone looking to transform their knowledge in Fluid Mechanics. The first 5 chapters could serve as the textbook for an upper level undergraduate class in Fluid Mechanics. The derivations are insightful and explained very well. Even though the main subject of the book is boundary layers, I found the text to be helpful (even more so than the assigned texts) for general purpose fluid mechanics courses where boundary layers were not the main topic. This book is a great reference and I would suggest it to anyone looking to learn more about fluids.

[Download to continue reading...](#)

Boundary-Layer Theory Masterful Color: Vibrant Colored Pencil Paintings Layer by Layer Angelic Layer Volume 2 (Angelic Layer (Dark Horse Manga)) Acrylic Solutions: Exploring Mixed Media Layer by Layer No Boundary: Eastern and Western Approaches to Personal Growth Variational Methods for Boundary Value Problems: for Systems of Elliptic Equations (Phoenix Edition) Paddling the Boundary Waters and Voyageurs National Park (Regional Paddling Series) Boundary Waters Canoe Camping, 2nd (Regional Paddling Series) Sew It!: Make 17 Projects with Yummy Precut Fabric\_Jelly Rolls, Layer Cakes, Charm Packs & Fat Quarters Layer 3 Switching: A Guide for It Professionals (Prentice Hall Series in Computer Networking and Distributed Systems) Securing Emerging Wireless Systems: Lower-layer Approaches Vintage Cakes: Timeless Recipes for Cupcakes, Flips, Rolls, Layer, Angel, Bundt, Chiffon, and Icebox Cakes for Today's Sweet Tooth American Cake: From Colonial Gingerbread to Classic Layer, the Stories and Recipes Behind More Than 125 of Our Best-Loved Cakes Perfect Quilts for Precut Fabrics: 64 Patterns for Fat Quarters, Charm Squares, Jelly Rolls, and Layer Cakes Double Vision Quilts: Simply Layer Shapes & Color for Richly Complex Curved Designs Color Theory Made Easy: A New Approach to Color Theory and How to Apply it to Mixing Paints Theory Time: Workbook Series - Theory Fundamentals Grade One Theory Time: Workbook Series - Theory Fundamentals Grade Two Garage Band Theory (Garage Band Theory - Tools the Pro's Use to Play by Ear) (Volume 1) Gender and Sexuality in Twentieth-Century Chinese Literature and Society (Suny Series in Feminist Criticism and Theory) (Suny Series in Feminist Criticism & Theory)

