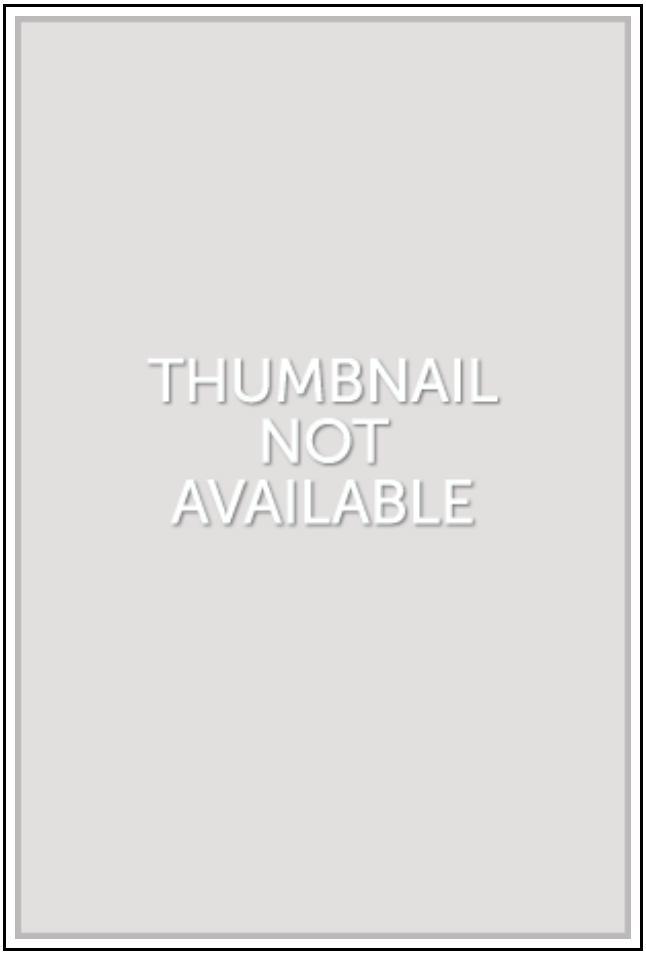
Aerodynamics of Wings and Bodies (Paperback)



Filesize: 3.46 MB

Reviews

It is great and fantastic. Sure, it is actually perform, nevertheless an amazing and interesting literature. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Ivy Hilll DDS)

AERODYNAMICS OF WINGS AND BODIES (PAPERBACK)

DOWNLOAD PDF

Dover Publications Inc., United States, 1986. Paperback. Book Condition: New. New edition. 214 x 136 mm. Language: English . Brand New Book. Amid a welter of topics on the aeronautical engineering curriculum-hypersonic fluid mechanics, heat transfer, nonequilibrium phenomena, etc.-this concise text stands out as a rigorous, classroom-tested treatment of classical aerodynamic theory-indispensable background for aeronautical engineers and the foundation of current and future research. The present volume is also unique for its recognition of matched asymptotic expansions as a unifying framework for introducing boundary-value problems of external flow over thin wings and bodies. In addition, the book fully acknowledges the important role of high-speed computers in aerodynamics. After a short review of the fundamentals of fluid mechanics, the authors offer a fairly extensive treatment of constant-density inviscid flow. Chapter 3 deals with singular perturbation problems, presenting an extremely useful technique not to be found in most texts. Subsequent chapters give solid basic coverage of these topics: Chap. 4-Effects of Viscosity Chap. 5-Thin-Wing Theory Chap. 6-Siender-Body Theory Chap. 7-Three-Dimensional Wings in Steady, Subsonic Flow Chap. 8-Three-Dimensional Thin Wings in Steady Supersonic Flow Chap. 9-Drag at Supersonic Speeds Chap. 10-Use of Flow-Reversal Theorems in Drag Minimization Problems Chap. 11-Interference and Nonplanar Lifting Surface theories Chap. 12-Transonic Small-Disturbance Flow Chap. 13-Unsteady FlowIdeal as a primary or supplementary text at the graduate level, Aerodynamics of Wings and Bodies also offers working engineers a valuable reference to the results of modern aerodynamic research and a selection of new and useful analytical tools. Holt Ashley is Professor of Aeronautics/ Astronautics and Mechanical Engineering at Stanford University. Marten Landahl is in the Department of Aeronautics and Astronautics at M.I.T. and in the Department of Mechanics, The Royal Institute of Technology, Stockholm.

Read Aerodynamics of Wings and Bodies (Paperback) Online
Download PDF Aerodynamics of Wings and Bodies (Paperback)

See Also

Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities (Paperback)

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

Save Document »

Skills for Preschool Teachers, Enhanced Pearson eText - Access Card

Pearson Education (US), United States, 2016. Online resource. Book Condition: New. 10th edition. 279 x 216 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing...

Save Document »

Readers Clubhouse Set a Dan the Ant (Paperback)

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. Karen Stormer Brooks (illustrator). 214 x 149 mm. Language: English . Brand New Book. This is volume one, Reading Level 1, in a comprehensive...

Save Document »

Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.The Children s Handwriting Book of Alphabets and Numbers provides extensive focus on...

Save Document »

Peewee the Playful Puppy: Short Stories, Jokes, and Games! (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.Are you looking for a children s book that is highly entertaining, great...

Save Document »

Public Opinion + Conducting Empirical Analysis

SAGE Publications Inc, United States, 2011. Kit. Book Condition: New. Revised ed.. 279 x 217 mm. Language: English . Brand New Book. Public Opinion : One of the central tenets of a democracy is that

Download PDF »

Readers Clubhouse Set B Lukes Mule (Paperback)

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. Shawn Costello (illustrator). 221 x 147 mm. Language: English . Brand New Book. This is volume five, Reading Level 2, in a comprehensive program

Download PDF »

Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download

Download PDF »

Readers Clubhouse Set a Too Too Hot (Paperback)

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. Karol Kaminski (illustrator). 220 x 148 mm. Language: English . Brand New Book. This is volume four, Reading Level 1, in a comprehensive program

Download PDF »

Readers Clubhouse Set B Safe Streets (Paperback)

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. 231 x 147 mm. Language: English . Brand New Book. This is volume eight, Reading Level 2, in a comprehensive program (Reading Levels 1

Download PDF »