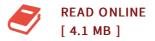




Fundamentals of Momentum, Heat and Mass Transfer (Fifth Edition)

By Rorrer, Welty, Wicks, Wilson

Wiley India Pvt. Ltd, 2012. Softcover. Book Condition: New. 5th or later edition. 18 x 24 cm. Momentum (fluid) mechanics is a branch of physics that studies liquids and gasses at rest and in motion. The study is applied in the fields of hydro and aerodynamics. Heat transfer is a branch of thermal physics that deals with the movement of heat from one object to another through conduction (movement of heat from high to low temperature because of a molecular reaction), convection (movement due to air flow), and heat radiation (energy radiated though electromagnetic waves). Mass transfer is the process that involves the molecular and convective transport of molecules in physical systems and examines phenomena such as the evaporation of water into the atmosphere. Chapter 1: Introduction to Momentum Transfer Chapter 2: Fluid Statics Chapter 3: Description of a Fluid in Motion Chapter 4: Conservation of Mass: Control-Volume Approach Chapter 5: Newton's Second Law of Motion: Control-Volume Approach Chapter 6: Conservation of Energy: Control-Volume Approach Chapter 7: Shear Stress in Laminar Flow Chapter 8: Analysis of a Differential Fluid Element in Laminar Flow Chapter 9: Differential Equations of Fluid Flow Chapter 10: Inviscid Fluid Flow Chapter 11: Dimensional Analysis and...



Reviews

This ebook is really gripping and fascinating. it had been writtern extremely perfectly and useful. Once you begin to read the book, it is extremely difficult to leave it before concluding.

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Totally among the finest publication I actually have at any time study. I am quite late in start reading this one, but better then never. I found out this publication from my dad and i suggested this pdf to discover.

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