



Heat and Mass Transfer: Fundamentals and Applications (Fifth Edition)

By Afshin J. Ghajar, Yunus A Cengel

McGraw-Hill Education, 2016. Softcover. Book Condition: New. 5th or later edition. 18 x 24 cm. This text is the outcome of an attempt to have a textbook for a practically oriented heat transfer course for engineering students. Through its careful explanations of concepts and use of numerous practical examples and figures, Heat and Mass Transfer helps the students develop the necessary skills to bridge the gap between knowledge and the confidence for proper application of that knowledge. Table of Contents Chapter 1 : Introduction and Basic Concepts Chapter 2 : Heat Conduction Equation Chapter 3 : Steady Heat Conduction Chapter 4 : Transient Heat Conduction Chapter 5 : Numerical Methods in Heat Conduction Chapter 6 : Fundamentals of Convection Chapter 7 : External Forced Convection Chapter 8 : Internal Forced Convection Chapter 9 : Natural Convection Chapter 10 : Boiling and Condensation Chapter 11 : Heat Exchangers Chapter 12 : Fundamentals of Thermal Radiation Chapter 13 : Radiation Heat Transfer Chapter 14 : Mass Transfer Chapter 15 : (Web Chapter) Cooling of Electronic Equipment Chapter 16 : (Web Chapter) Heating and Cooling of Buildings Chapter 17 : (Web Chapter) Refrigeration and Freezing of Foods Printed Pages: 966.



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