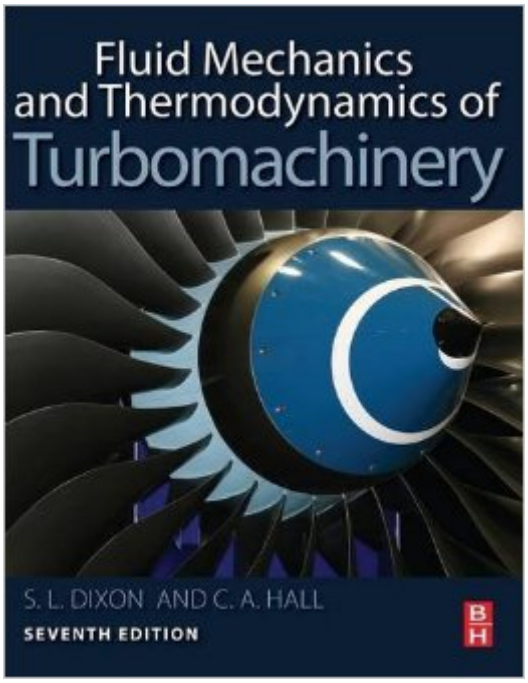
Fluid Mechanics And Thermodynamics Of Turbomachinery, Seventh Edition



Synopsis

Fluid Mechanics and Thermodynamics of Turbomachinery is the leading turbomachinery book due to its balanced coverage of theory and application. Starting with background principles in fluid mechanics and thermodynamics, the authors go on to discuss axial flow turbines and compressors, centrifugal pumps, fans, and compressors, and radial flow gas turbines, hydraulic turbines, and wind turbines. In this new edition,more coverage is devoted to modern approaches to analysis and design, including CFD and FEA techniques. Used as a core text in senior undergraduate and graduate level courses this book will also appeal to professional engineers in the aerospace, global power, oil & gas and other industries who are involved in the design and operation of turbomachines. More coverage of a variety of types of turbomachinery, including centrifugal pumps and gas turbinesAddition of numerical and computational tools, including more discussion of CFD and FEA techniques to reflect modern practice in the areaMore end of chapter exercises and in-chapter worked examples

Book Information

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Customer Reviews

This is a good book that is easy to follow. It does skip over some things, but if you are using with a class, you'll be fine.

A GOOD TEXT BOOK, CLEARLY EXPLAINING CONCEPTS INVOLVED.

Well write, with good documentation.

Great Buy!

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