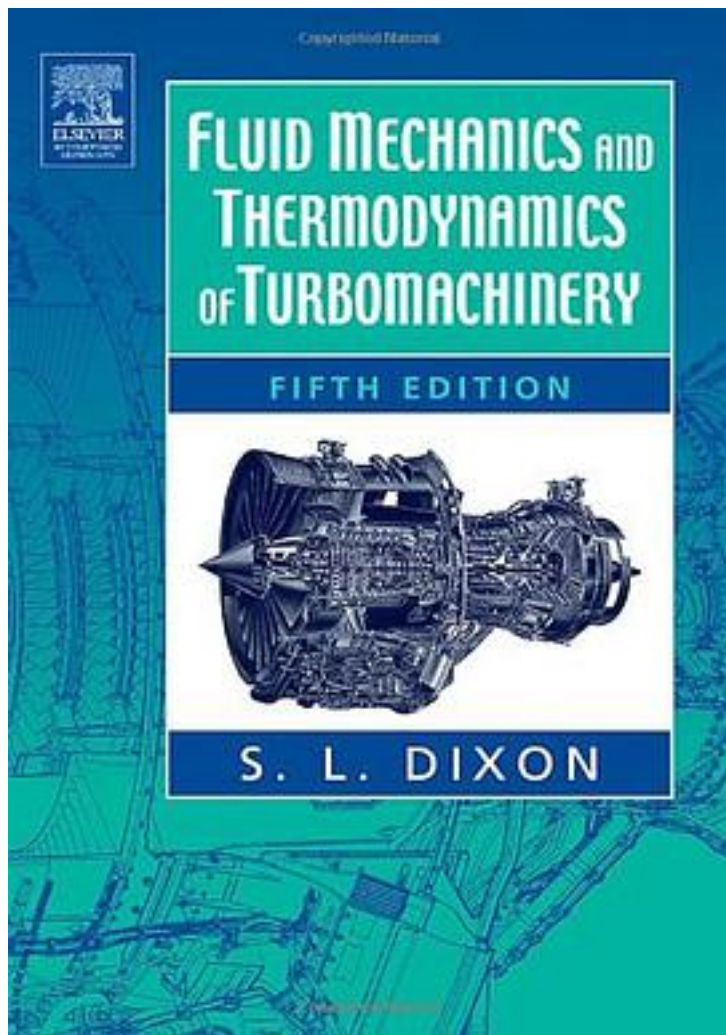


Fluid Mechanics and Thermodynamics of Turbo Machinery



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The fifth edition of this text will continue to be of use to engineers in industry and technological establishments, especially as brief reviews are included on many important aspects of Turbomachinery, giving pointers towards more advanced sources of information. For those looking towards the wider reaches of the subject area, very useful additional reading is referenced in the bibliography. The subject of Turbomachinery is in continual review, and while the basics do not change, research can lead to refinements in popular methods, and new data can emerge. This book has applications for professionals and students in many subsets of the mechanical engineering discipline, with carryover into thermal sciences; which include fluid mechanics, combustion and heat transfer; dynamics and vibrations, as well as structural mechanics and materials engineering. This title includes an important, long overdue new chapter on Wind Turbines, with a focus on blade aerodynamics, with useful worked examples. It also includes important material on axial flow compressors and pumps. It features example questions and answers throughout and an available Solutions Manual.

作者介绍:

目录:

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