

Centrifugal Compressor Design and Performance

This book provides a state-of-the-art review of the technology base of compressors and is a practical guide for designers. The author has been a major contributor to the research and development of centrifugal compressors for many years and has been responsible for a number of significant technological advances, such as the two-zone model of impeller flow, and the TEIS (two-elements-in-series) model of diffusion. Design examples from the author's vast experience are used extensively.

Foundation of Compressor Design

- Introduction
- Cycle Analysis and a Sample Design Problem
Appendix 1: Cycle Codes

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- Variable Geometry and Range Extension

- Summary
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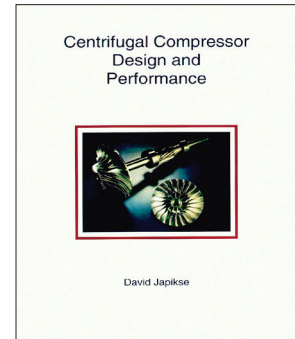
Strategies for Systematic Design and Optimization

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