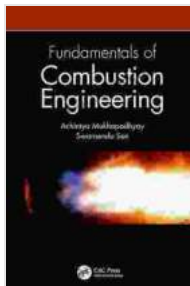


Fundamentals of Combustion Engineering: Unleashing the Power of Fire



Fundamentals of Combustion Engineering

★★★★★ 5 out of 5

Language : English

File size : 15308 KB

Print length : 336 pages



Combustion engineering is the science and art of designing and operating combustion systems, such as engines, furnaces, and boilers. It is a complex field that draws on a wide range of disciplines, including chemistry, physics, fluid dynamics, and heat transfer.

Fundamentals of Combustion Engineering provides a comprehensive to the fundamental principles of combustion engineering, including:

- The chemistry of combustion
- The thermodynamics of combustion
- The fluid dynamics of combustion
- The heat transfer of combustion
- The design and operation of combustion systems

This book is written for engineers and researchers who are working in the field of energy and power generation. It is also a valuable resource for students who are interested in learning about the fundamental principles of combustion engineering.

What's Inside?

Fundamentals of Combustion Engineering is divided into three parts.

Part 1 provides a foundation in the basic principles of combustion, including the chemistry, thermodynamics, and fluid dynamics of combustion. Part 2 covers the design and operation of combustion systems, including engines, furnaces, and boilers. Part 3 discusses the environmental impact of combustion, including the formation and control of pollutants.

Each part is written by a team of experts in the field, and the book is extensively illustrated with figures and tables. Fundamentals of Combustion Engineering is a must-have resource for anyone who needs to understand the fundamental principles of combustion engineering.

Benefits of Reading This Book

There are many benefits to reading Fundamentals of Combustion Engineering, including:

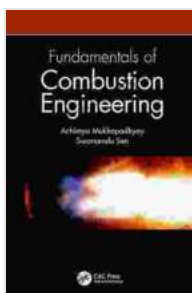
- Gain a comprehensive understanding of the fundamental principles of combustion engineering
- Learn how to design and operate combustion systems
- Understand the environmental impact of combustion
- Stay up-to-date on the latest advances in combustion engineering

Fundamentals of Combustion Engineering is a valuable resource for anyone who needs to understand the fundamental principles of combustion engineering. It is a comprehensive guide that provides a solid foundation for engineers and researchers working in the field of energy and power generation.

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Thank you for your interest in Fundamentals of Combustion Engineering. We hope you find this book to be a valuable resource.



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