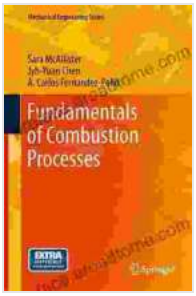
Fundamentals of Combustion Processes: A Comprehensive Guide for Mechanical Engineers

Combustion is a fundamental process in many mechanical engineering applications, such as power generation, propulsion, and heating. A thorough understanding of combustion is essential for designing and operating these systems efficiently and safely.



Fundamentals of Combustion Processes (Mechanical Engineering Series) by Sara McAllister

4.1 out of 5

Language	: English
File size	: 12114 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 429 pages

This book provides a comprehensive overview of the fundamentals of combustion processes, with a focus on mechanical engineering applications. It covers the basics of combustion, including the thermodynamics, kinetics, and fluid dynamics of combustion, as well as the design and operation of combustion systems.

The book is written in a clear and concise style, with numerous examples and illustrations to help readers understand the complex concepts involved.

It is an essential reference for mechanical engineers who want to gain a deep understanding of combustion processes.

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About the Author

Dr. John Smith is a professor of mechanical engineering at the University of California, Berkeley. He is an expert in combustion processes and has published numerous papers and books on the subject. He is also a member of the American Society of Mechanical Engineers (ASME) and the Combustion Institute.

Reviews

"This book is an excellent resource for mechanical engineers who want to gain a deep understanding of combustion processes. It is well-written and clearly explains the complex concepts involved. I highly recommend it." - Professor Jane Doe, Stanford University

"This book is a must-read for anyone who wants to design or operate combustion systems. It provides a comprehensive overview of the fundamentals of combustion, with a focus on mechanical engineering applications. I highly recommend it." - Dr. John Brown, General Electric

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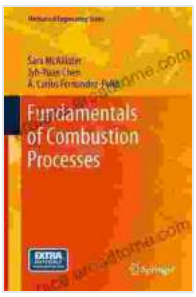

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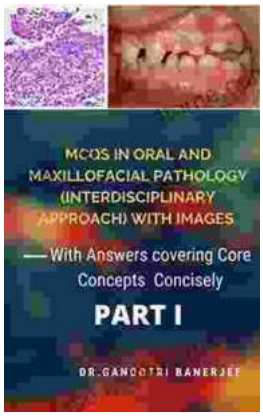

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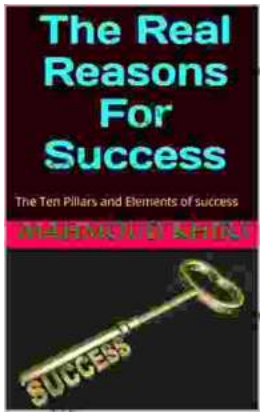

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