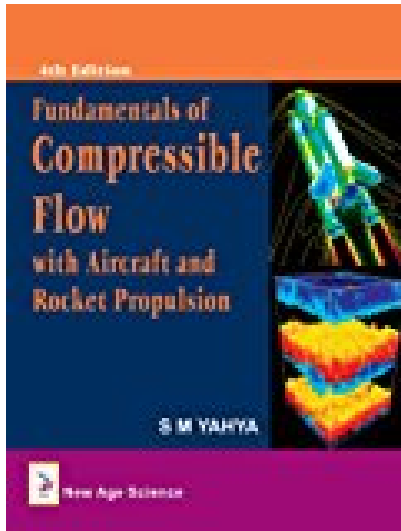


# Compressible Flow

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## BOOK DETAILS

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## BOOK SYNOPSIS

The Subject Of Compressible Flow Or Gas Dynamics Deals With The Thermo-Fluid Dynamic Problems Of Gases And Vapours. It Is Now An Important Part Of The Undergraduate And Postgraduate Curricula. Fundamentals Of Compressible Flow Covers This Subject In Fourteen Well Organised Chapters In A Lucid Style. A Large Mass Of Theoretical Material And Equations Has Been Supported By A Number Of Figures And Graphical Depictions. AuthorS Sprawling Teaching Experience In This Subject And Allied Areas Is Reflected In The Clarity, And Systematic And Logical Presentation. Salient Features \* Begins With Basic Definitions And Formulas. \* Separate Chapters On Adiabatic Flow, Isentropic Flow And Rate Equations. \* Includes Basics Of The Atmosphere, And Measuring Techniques. Separate Sections On Wind Tunnels, Laser Techniques, Hot Wires And Flow Measurement. \* Discusses Applications In Aircraft And Rocket Propulsion, Space Flights, And Pumping Of Natural Gas. \* Contains Large Number Of Solved And Unsolved Problems. The Present Edition Has An Additional Chapter (14) On Miscellaneous Problems In Compressible Flow (Gas Dynamics). This Is Designed To Support The Tutorials, Practice Exercises And Examinations. Problems Have Been Specially Chosen For Students And Engineers In The Areas Of Aerospace, Chemical, Gas And Mechanical Engineering.

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