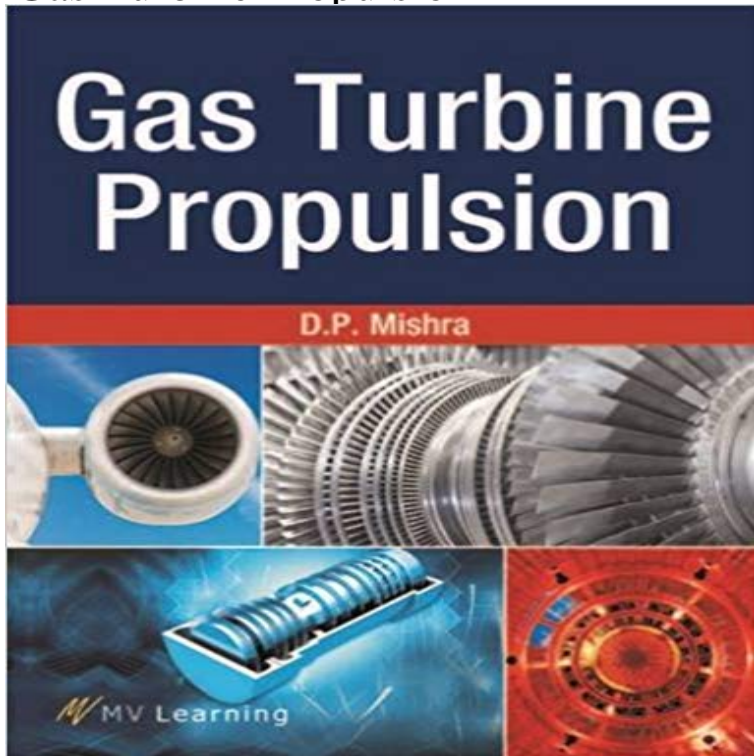


Gas Turbine Propulsion



Designed for under graduate and postgraduate engineering students interested in learning the fundamental aspects of aircraft propulsion. Basic theory based on the principle of thermodynamics and aerodynamics is covered extensively. Emphasis is placed on precise and logical presentation of the basic concepts and principles. The text flows in a gradual manner to instill confidence in the minds of students. The derivation of fundamental equations and principles have been kept at an uncomplicated mathematical level. Several examples are provided in each chapter to allow students to assimilate and reinforce the ideas developed. Emphasis is laid on problem solving techniques. The rudiments of the design, operation and behaviour of individual components of gas turbine engine are included. Typical values of design parameters, experimental data and examples of actual engines are also included to help the reader appreciate the subject matter.

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