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Autore   Oates Gordon C

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| Sommario/riassunto | This seminal book on gas turbine technology has been a bestseller since it was first published. It now includes a comprehensive set of software programs that complement the text with problems and design analyses. Software topics included are atmosphere programs, quasi-one-dimensional flow programs (ideal constant-area heat interaction, adiabatic constant-area flow with friction, rocket nozzle performance, normal shock waves, oblique shock waves), gas turbine programs (engine cycle analysis and engine off-design performance), and rocket combustion programs (Tc and PC given, He and PC given, isentropic expansion). |