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""8.3 Off-Design Analysis of the Turbofan""

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 (T_c and PC given, H_e and PC given, isentropic expansion).
