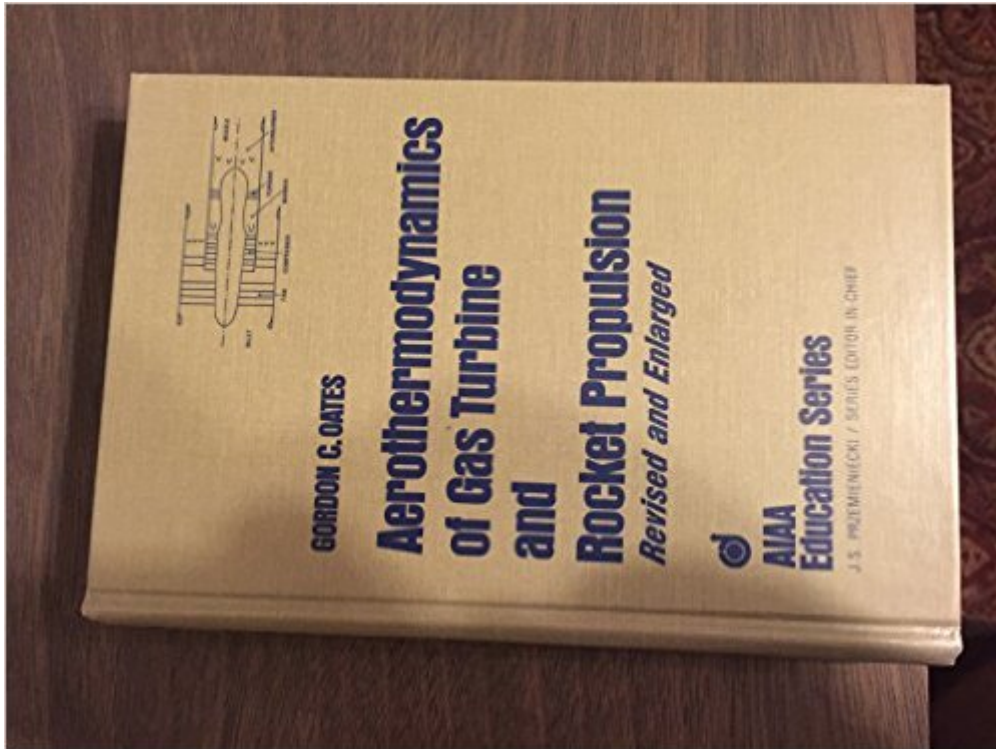


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# Aerothermodynamics Of Gas Turbine And Rocket Propulsion (AIAA Education Series)



## Synopsis

This text on gas turbine technology has been a best-seller since it was first published in 1984. This revised edition now includes a comprehensive set of software programmes that complement the text with problems and design analyses. Software topics included are: atmosphere programmes, quasi-1D flows programmes (ideal constant-area heat interaction, adiabatic constant-area flow with friction, rocket nozzle performance, normal shock waves, oblique shock waves), gas turbine programmes (engine cycle analysis and engine off-design performance), and rocket combustion (tc and pc are given, hc and pc are given, Isentropic expansion). Used as a standard text in more than 50 universities, the book and software continue to fulfil the need for a comprehensive, modern book on the principles of propulsion. System requirements: IBM PC 386/486/586/Pentium or clone; 640 Kb RAM hard disk with 1.0Mb of available disk space; EGA or better video capability.

## Book Information

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## Customer Reviews

This is a great book for learning about gas turbines and rocket engines. Discusses the aerothermodynamics behind the engines. Overall great book!

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