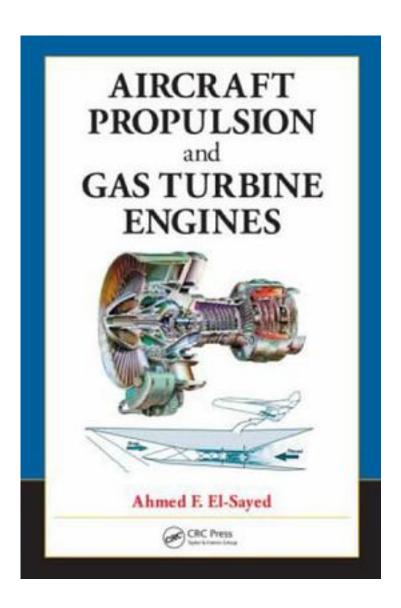
Aircraft Propulsion and Gas Turbine Engines



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Offering a uniquely comprehensive comparison of aerospace engines never before published, this volume explores aircraft engines and engine components for use in both power generation and marine applications. Offering a historical overview, this up-to-date text classifies all types of aerospace engines, examines the different performance parameters of air-breathing engines, and demonstrates the procedures for selecting an appropriate engine. It presents an aerodynamic and thermodynamic analysis of aircraft engines along with comparisons of different engine types. The author includes both aero-thermodynamic and mechanical designs of rotating elements, intakes, combustion chambers, and nozzles. He also discusses new trends in aircraft engines.

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