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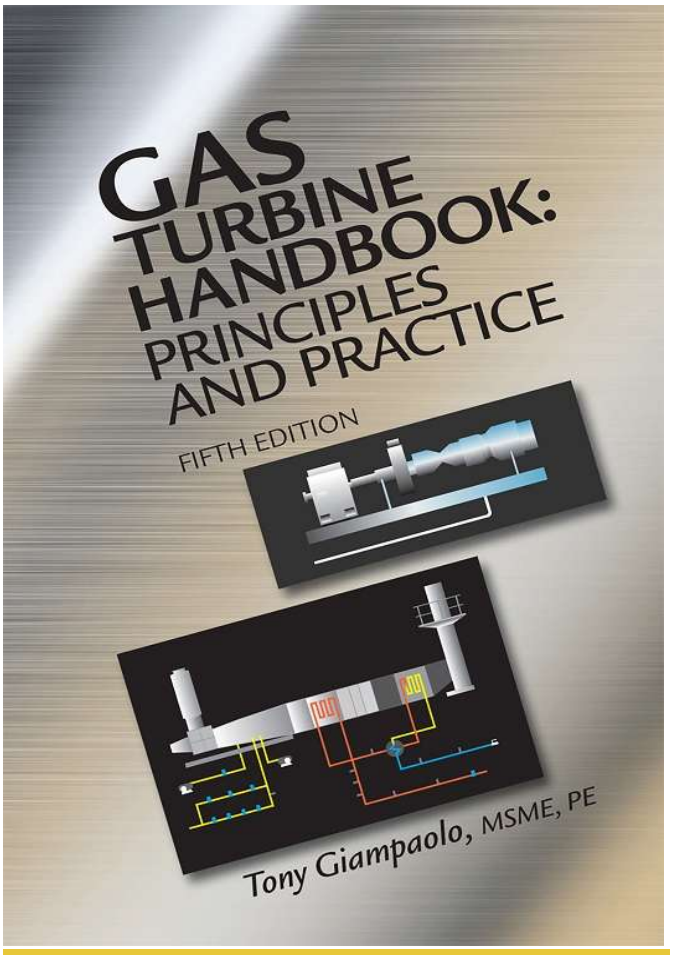
Gas Turbine Handbook
Principles and Practice, Fifth Edition

Author: Tony Giampaolo

Newly revised, this new fifth edition includes a chapter on waste heat recovery and discusses this technology in detail including a the advantages and barriers to waste heat recovery, environmental restraints, thermodynamics of heat recovery, fluid properties, boiler, condensers, steam turbines, off design behavior and exhaust catalyst. This book shows how microturbine designs rely heavily on the centrifugal compressor and are, in many aspects, similar to the early flight engines and will illustrate how the approach of the microturbine designer is to minimize cost.



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