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""3.2 Expression for the Thrust""""3.3 Acceleration of a Rocket""; ""3.4 Rocket Nozzle Performance""; ""3.5 Elementary Chemistry""; ""3.6 Determination of Chamber Conditions""; ""3.7 Nozzle Flow of a Reacting Gas""; ""3.8 Solid-Propellant Rockets""; ""Problems""; ""Chapter 4. Nonchemical Rockets""; ""4.1 Introduction""; ""4.2 The Nuclear-Heated Rocket""; ""4.3 Electrically Powered Rockets""; ""Problems""; ""Chapter 5. Ideal Cycle Analysis""; ""5.1 Introduction""; ""5.2 Notation""; ""5.3 Ideal Component Behaviors""; ""5.4 The Ideal Thermodynamic Cycle""  
""5.5 The Effect of Burning at Finite Mach Number""""5.6 The Propulsive Efficiency,  $I_{sp}$ ""; ""5.7 Systems of Units""; ""5.8 The Ideal Turbojet""; ""5.9 Interpretation of the Behavior of the Specific Fuel Consumption""; ""5.10 The Maximum Thrust Turbojet""; ""5.11 The Ideal Turbojet with Afterburning""; ""5.12 The Turbofan with Separate Exhaust Streams""; ""5.13 The Ideal Turbofan with Mixed Exhaust Streams""; ""5.14 The Ideal Constant-Pressure Mixer""; ""5.15 The Ideal Turbofan with Afterburning""; ""Problems""; ""Chapter 6. Component Performance""; ""6.1 Introduction""  
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""8.3 Off-Design Analysis of the Turbofan""

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