

- Conversion Factors
- Physical and Chemical Data
- Mathematics
- Thermodynamics
- Heat and Mass Transfer
- Fluid and Particle Mechanics
- Reaction Kinetics
- Process Control and Instrumentation
- Process Economics
- Transport and Storage of Fluids
- Heat Transfer Operations and Equipment
- Drying, Humidification and Evaporative Cooling
- Distillation
- Gas Absorption and Other Gas-Liquid Operations and Equipment
- Solid-State Operations and Equipment
- Size Reduction and Size Enlargement
- Handling of Bulk Solids and Packaging of Solids and Liquids
- Alternative Separation Processes
- Chemical Reactors
- Biochemical Engineering
- Waste Management
- Safety and Handling of Hazardous Materials
- Energy Sources, Conversion and Utilization
- Materials of Construction
- Process Machinery Drives
- Analysis of Plant Performance