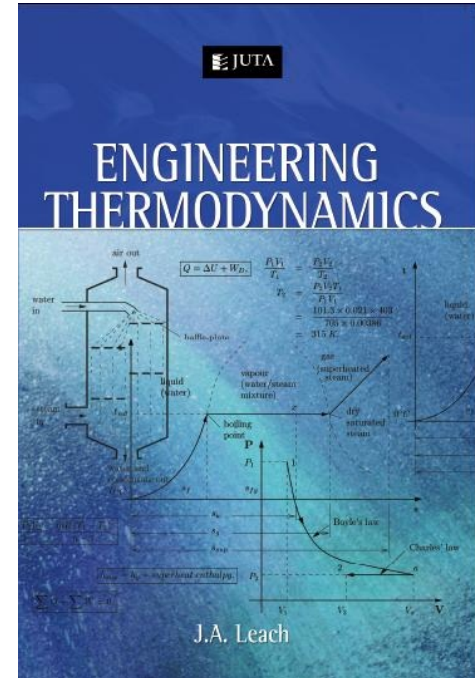


Engineering Thermodynamics 1e (WebPDF)

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About this Publication:

Engineering Thermodynamics deals with the application of these laws to power-generating plants, such as coal-fire power stations. It is an important and rewarding subject that has serious implications for our future industrial development.

Contents Include:

- Chapter 1. Thermodynamics 1
- Chapter 2. Flow processes and reversibility
- Chapter 3. Heating of gases
- Chapter 4. Steam 3
- Chapter 5. Throttling of steam
- Chapter 6. Boilers
- Chapter 7. Steam plant
- Chapter 8. Condensers and air pumps
- Chapter 9. Combustion of fuels
- Chapter 10. Heat transfer
- Glossary
- Appendix A. Properties of water and steam
 - A.1 Steam tables
 - A.2 Superheated steam
 - A.3 Saturated water and steam
- Appendix B. Answers to self-assessment exercises

Of Interest and Benefit to:

Outcomes-based format with short chapters so that the desired outcomes can be easily followed

Ample worked examples followed by self-assessment exercises with answers that are provided at the back of the book

Important terms summarised in a glossary for easy reference