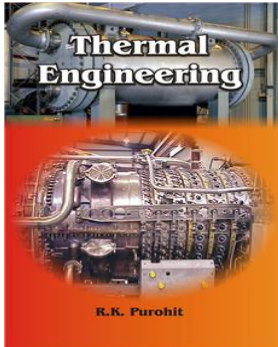


Thermal Engineering

[R.K. Purohit](#)



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Blurb

The material in the book has been presented in a very simple but effective language in order to enable students to master the subject matter thoroughly without coming across the hurdle of highly technical language. About approximately 1200 solved and unsolved examples have been incorporated. It contains 15 chapters. SI units have been consistently used throughout the book.

Table of Contents

1. Basic concepts related to thermodynamics; 2. The first law of thermodynamics; 3. The second law of thermodynamics and entropy; 4. Properties of Steam; 5. Steam Generators; 6. Boiler Mounting and Accessories; 7. Boilers-Draught and Performance; 8. Vapour Power Cycles; 9. Steam Engines; 10. Gas Power Cycles; 11. Internal Combustion Engines; 12. Air Compressors; 13. Refrigeration and Air Conditioning; 14. Combustion and Fuels; 15. Heat Transfer.

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