

Thermodynamics : an engineering approach

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Abstrak

This text covers the basic principles of thermodynamics while presenting a wealth of real-world engineering examples so students get a feel for how thermodynamics is applied in engineering practice. This text helps students develop an intuitive understanding by emphasizing the physics and physical arguments. Cengel and Boles explore the various facets of thermodynamics through careful explanations of concepts and use of numerous practical examples and figures, having students develop necessary skills to bridge the gap between knowledge and the confidence to properly apply their knowledge. This edition comes with Connect, which is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need, when they need it, how they need it, so that your class time is more engaging and effective. Problems are graded automatically, and the results are recorded immediately. Track individual student performance, by question, assignment, or in relation to the class overall with detailed grade reports.