Introductory chemical engineering thermodynamics

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This text differs in that it makes molecular perspectives available at the introductory level and connects properties with practical consequences. Features of the second edition include a Hierarchical instruction with increasing Content requiring deeper levels of theory clearly delineated in separate sections and chapters Early introduction to the overall perspective of composite systems such as speakers, reactive processes and biological systems Learning goals, problem-solving strategies for energy balances and equilibrium phases, head resumes, and important equations for each chapter Are extensive practical examples, especially the coverage of incredible mixtures that include water pollution through hydrocarbons, polymer mixing/recycling, oxygen fuel, hydrogen bonds, Osmotic Pressure, Electrolyte Solutions, zwitterions and biological molecules, as well as other modern software support issues in formats for MATLAB® and spreadsheets internet additional sections and resources including instructor slides, ConcepTests, coursecast videos, and other useful resources Top Reviews Recent Reviews Of 17Th century Authors 19Th century 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