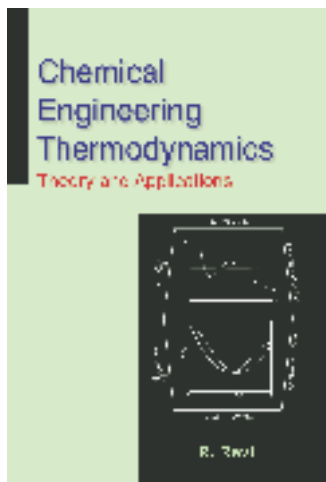




Chemical Engineering Thermodynamics Theory & Applications



R. Ravi

About the Book

The book presents the concepts and equations of equilibrium thermodynamics or thermostatics in a logical and compact manner. Key features that distinguish this book from others on chemical engineering thermodynamics are: a mathematical treatment of the developments leading to the discovery of the internal energy and entropy; a clear distinction between the classical thermodynamics of Carnot, Clausius and Kelvin and the thermostatics of Gibbs; an intensive/specific variable formalism from which the extensive variable formalism is obtained as a special case; a systematic method of obtaining the central equations of thermostatics with the use of the implicit/inverse function theorems and the chain rule.

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About the Author

R. Ravi obtained his Bachelor of Technology from the Indian Institute of Technology Madras and subsequently his Masters and Ph. D. from Purdue University, USA. He is currently working as professor in the department of chemical engineering at IIT, Madras. His research and teaching interests are in the broad areas of thermodynamics, transport phenomena and reaction engineering with emphasis on theoretical modeling and mathematical analysis.

9789389212310 • 364 (Hb) • 2020 • ₹ 1495.00



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