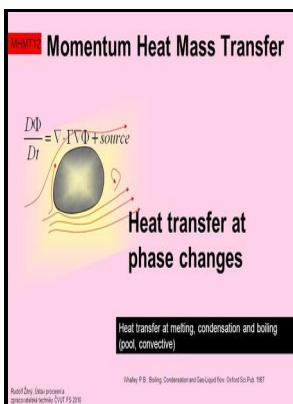


Liquid-vapor phase-change phenomena - an introduction to the thermophysics of vaporization and condensation processes in heat transfer equipment

Hemisphere Pub. Corp. - »: Liquid Vapor Phase Change Phenomena: An Introduction to the Thermophysics of Vaporization and Condensation Processes in Heat Transfer Equipment, Second Edition by Van P. Carey



Description: -

- SQL (Computer program language)
- Oracle (Computer file)
- Condensation.
- Evaporation.
- Change of state (Physics)
- Heat exchangers. Liquid-vapor phase-change phenomena - an introduction to the thermophysics of vaporization and condensation processes in heat transfer equipment

Series in chemical and mechanical engineering
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In his comprehensive treatment, Carey offers, through illustrative examples and problems, a presentation of non-equilibrium thermodynamics and interfacial phenomena associated with vaporization and condensation processes, in addition to fundamentals of heat transfer and fluid flow mechanisms. Liquid-Vapor Phase-Change Phenomena presents the basic thermophysics and transport principles that underlie the mechanisms of condensation and vaporization processes.

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Throughout the text, the importance of the basic phenomena to a wide variety of applications is discussed. More worked examples and numerous new problems have been added, and a complete solution manual and electronic figures for classroom projection will be available for qualified adopting professors.

Formats and Editions of Liquid

Starting with an integrated presentation of the nonequilibrium thermodynamics and interfacial phenomena associated with vaporization and condensation, coverage follows of the heat transfer and fluid flow mechanisms in such processes. Prior to his appointment at Berkeley, he was a senior Project Engineer at the Harrison division of General Motors.

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