

Contents

Density Functional Theory for Liquid Structure and Thermodynamics . .	1
J.Z. Wu	
Thermodynamic Modeling of Complex Systems	75
Matthias Kleiner, Feelly Tumakaka, and Gabriele Sadowski	
Phase Equilibria, Morphologies of Microphase Separation, and Interfacial Structures of Polymer Systems Studied by Equations of State .	109
Honglai Liu, Hui Xu, Houyang Chen, Changjun Peng, and Ying Hu	
Ionic Liquids and Relative Process Design	143
S. Zhang, X. Lu, Y. Zhang, Q. Zhou, J. Sun, L. Han, G. Yue, X. Liu, W. Cheng, and S. Li	
Thermodynamic Analysis for Synthesis of Advanced Materials	193
C. Liu, Y. Ji, Q. Shao, X. Feng, and X. Lu	
Subject Index	271



<http://www.springer.com/978-3-540-69114-3>

Molecular Thermodynamics of Complex Systems

Lu, X.; Hu, Y. (Eds.)

2009, IX, 274 p., Hardcover

ISBN: 978-3-540-69114-3