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"Outlining their strengths, limitations, contemporary, and future applications, Computational Approaches to Energy Materials is the first authoritative resource to present a broad survey of computational techniques for the development of energy materials. Printed in full color to aid interpretation of materials simulations, this accessible and much-needed text includes all current methodologies based on electronic structure, interatomic potential, and hybrid methods. The methodological components are integrated into a comprehensive survey of applications, addressing the major themes in energy research"--
"This authoritative but accessible text is the first book on the market presenting a broad survey of computational techniques for the development of energy materials, outlining their strengths, limitations, contemporary and future applications"--