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The Advances in Chemical Physics series provides the chemical physics field with a forum for critical, authoritative evaluations of advances in every area of the discipline. This volume explores the following topics: Modeling Viral Capsid AssemblyCharges at Aqueous Interfaces: Development of Computational Approaches in Direct Contact With ExperimentSolute Precipitate Nucleation: a Review of Theory and Simulation AdvancesWater in the Liquid State: A Computational ViewpointConstruction of Energy Functions for Lattice Heteropolymer Models: Efficient Encodings fo

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