



Multiscale Simulation Methods for Nanomaterials

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DESCRIPTION

This book stems from the American Chemical Society symposium, *Large Scale Molecular Dynamics, Nanoscale, and Mesoscale Modeling and Simulation: Bridging the Gap*, that delved into the latest methodologies and applications for largescale, multiscale, and mesoscale modeling and simulation. It presents real-world applications of simulated and synthesized materials, including organic-, inorganic-, bio-, and nanomaterials, and helps readers determine the best method for their simulation. It gets novices up to speed quickly and helps experienced practitioners discover novel approaches and alternatives.

ABOUT THE AUTHOR

Richard B. Ross, PhD, has been a member of 3M Company's Corporate Materials Modeling Group since 1997. Dr. Ross's research at 3M focuses on applying computational chemical modeling methods to a wide range of research applications. He has coauthored thirty-three scientific articles, including five book chapters, and coedited a symposium proceedings book.

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