**DESCRIPTION**

While its results normally complement the information obtained by chemical experiments, computer computations can in some cases predict unobserved chemical phenomena. Electronic-Structure Computational Methods for Large Systems gives readers a simple description of modern electronic-structure techniques. It shows what techniques are pertinent for particular problems in biotechnology and nanotechnology and provides a balanced treatment of topics that teach strengths and weaknesses, appropriate and inappropriate methods. It's a book that will enhance your calculating confidence and improve your ability to predict new effects and solve new problems.

**ABOUT THE AUTHOR**

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