Finite Element And Boundary Element Applications In Quantum Mechanics

Author :L Ramdas Ram-Mohan / **Category :**Mathematics / **Total Pages** : 605 pages

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Summary : Free finite element and boundary element applications in quantum mechanics pdf download - well structured and remarkably comprehensive john pask lawrence livermore national laboratory ca an excellent textbook to introduce fem and bem to students shun-lien chua ng university of illinois at urbana-champaign opens new ground for physicists particularly those interested in condensed matter physics and chemistry a k rajagopal naval research laboratory washington d c starting from a clear concise introduction the powerful finite element and boundary element methods of engineering are developed for application to quantum mechanics the reader is led through illustrative examples displaying the strengths of these methods using applications to fundamental quantum mechanical problems and to the design simulation of quantum nanoscale devices

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