

# The Rapid Evaluation Of Potential Fields In Particle Systems

by Leslie Greengard

Supercomputing: 28th International Supercomputing Conference, ISC . - Google Books Result 20 Dec 2017 . This paper describes a three dimensional version of the fast multipole algorithm for the rapid evaluation of the potential and force fields in . Advances in Swarm Intelligence: Third International Conference, . - Google Books Result The Rapid Evaluation of Potential Fields in Particle Systems (ACM Distinguished Dissertation) by Leslie Greengard and a great selection of similar Used, New . Rapid evaluation of potential fields in particle systems NIS The Rapid Evaluation of Potential Fields in Particle Systems PDF, remember to access the web link under and download the document or gain access to other . Computing and Combinatorics: 4th Annual International Conference, . - Google Books Result The evaluation of Coulombic or gravitational interactions in large-scale ensembles of particles is an integral part of the numerical simulation of a large number of physical processes. 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