Abstract

Data visualization is very important which transforms symbols or data into geometric figures that help researchers to comprehend the physical essence of a system especially in electromagnetic (EM) fields. In this paper, particle cloud model as a new path is introduced to depict the appearance of electromagnetic wave (EMW) which exhibits the energy value as well as the frequency of the EMW. By using such a model, the EMWs with different frequencies can be shown in one picture, making the visualization of EM data more efficient.

References


Index Terms

Computer Science
Distributed Systems
Keywords

Electromagnetic Data, Particle Cloud, Visualization