Abstract

Spatial-temporal data models and query languages are a topic of growing interest. A spatial-temporal database is a database that embodies spatial, temporal, and spatial-temporal database concepts and captures simultaneously spatial and temporal aspects of data. A spatial data object occupies a certain region of space, which is characterized by its location and boundary. It deals with geometries that change with time. In this research to focus the moving object in different environment with the algorithmic details of each object movement likewise sky, water fall and hills. The positions of moving objects are continuously changing over time. For modeling these moving objects, consider both continuous and discrete models. The position of moving object can be calculated by time, speed, route, hiding position and reflection angle etc. The speed and route are managed as dynamic attributes, and are the motion
Moving Object in Different Environment (MODE) using Spatial-Temporal Database Concept

information of moving object. The attribute uses in whole concept in dynamic.

Referen
nces

- Jose Antonio Cotelo Lema, Luca Forlizzi, Ralf Hartmut Guting, Enrico Nardelli and Markus Schneider, "Algorithms for Moving Objects Databases", the computer journal, 46(6),© British Computer Society 2003, pp-1 to 33.
- Ganesh Viswanathan & Markus Schneider, "The object interaction graticlue for cardinal direction querying in moving objects data warehousing", NASA-AIST-08-0081.
- Yufei Tao, Dimitris Papadias, "Time-Parameterized Queries in Spatio-Temporal Databases", ACM SIGMOD, 2002, June 4-6, Madison, Wisconsin, USA.
- Ralf Hartmut Guting and Markus Schneider, "Moving Objects Databases", Elsevier publication, 2005.
- Arif Khan & Markus Schneider, "Topological reasoning between complex regions in database with frequent updates", ACM GIS, 10, Nov 2-5, 2010. San Jose, CA, USA.
Index Terms

Computer Science

Information Sciences

Keywords

Spatial Temporal Database-Moving Object- Hiding Value-Location finding-Query analyzation