# POLICE CARS SPATIAL MOVEMENTS MODELING, ANALYSIS AND PRESENTATION

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Miniaturization of computing devices, and advances in wireless communication and sensor technology are some of the forces that are moving computing from the stationary desktop to the mobile outdoors. This new classes of applications has to deal with spatial objects whose position or extend changes continuously over time, for short, called Moving Objects. . In this regards, it is important to model the location of moving objects effectively and enable DBMS to omit the redundant and repeated data of a moving object by using efficient query manners. Trajectory simplification and compression are very fields since moving object's recording their position in time produce a large amount of frequently redundant data. In order to reduce the amount of data to be stored in database it is very important not to store all the data. Some algorithms are proposed to reduce the data or to simplify the trajectory of a moving object. In this paper tracing and monitoring of police motorbikes and cars are considered to examine the proposed algorithm. In addition simplified trajectories are mapped onto the street network to understand which areas have not been supervised. Mapping the trajectories onto the street network enables us to navigate the police cars.