

Method of Variable Route Control by the Networking of the Interlocking Devices

Satoshi SEKINE

In order to realize an interlocking device utilizing the spatially continuous position detection of the train, the author has proposed the variable route control method so far. By this method, the train course from the current position to the arrival point in a rail network can be searched, and the minimum locked section is moved according to the approach of the train. Transportation efficiency can be improved without subdividing the range of the route setting. Because the course setting that stepped over the plural stations was necessary, the author devised a technique to perform the cooperation control between the adjacent interlocking devices effectively.