

Research on Diffusion Method of Factor in Urban Land Classification

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In urban classification, it is rather difficult and complex to calculate the classification factor diffusion. The purpose of this paper is resolve calculation efficiency in more barriers and more pass points condition. Topological processing of obstacle and evaluation extent to generate more evaluation zonings, use Dijkstra algorithm to calculate the shortest distance between any two pass points in advance. The method successfully resolve the spatial operation as distance operation, can effectively resolve calculation efficiency. A case study in Jilin province in 2016 show that the technical roadmap is feasible, and the results are reasonable

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