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ABSTRACTS

Voronoi diagrams in spacial analyses of real estate market

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Abstract

Tessellation is a process of dividing a bigger area into smaller polygons (of the same or a different shape), without gaps or overlaps, mostly used to model the space or conduct analyses in various fields. One of tessellation methods is a Voronoi diagram, based on a nearest neighbour rule. The purpose of this paper is to present this method of space division to show its utility to analyse and visualise various phenomena in real estate market.