Journal of Transport and Land Use, Vol 2, No 3 (2010)

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## The evolution of the commuting network in Gerr Spatial and connectivity patterns

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## Abstract

The analysis of the structure and evolution of complex networks has recently received attention. Although research on networks originated in mathematical studies dating back nineteenth century (or earlier), and developed further in the mid-twentieth century with graph theory, interest in its application to the social sciences is currently growing---part regional science and transportation, because of the spatial relevance of networks. This a dynamic outlook for the German commuting network from the perspective of the Germarket districts. The focus of this paper is to explore how the German commuting networm two perspectives: space and connectivity. We consider home-to-work commuters between 439 German districts for the years 1995 and 2005. The results of the present a possible to identify, among the main German districts, the most "open" and connected emerging districts can be considered as potential "hubs" in the German commuting syst attractors from the perspective of spatial economics, and as interconnectors from the p networking.

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The Journal is housed at the University of Minnesota and sponsored by the Center for Studies

Contact JTLU | ISSN: 1938-7849

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