

**To tame a TIGER one has to know its nature¹:
Extending weighted angular integration analysis to the description
of GIS road-centerline data for large scale urban analysis**

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Abstract

GIS databases representing urban layouts according to road centerlines spanning between intersection nodes (at road junctions) can be analyzed syntactically based on the concept of angular fractional depth.

Keywords

Axial maps; GIS;
TIGER files²;
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Notes

¹ An ancient Chinese proverb.

² TIGER is an acronym for Topographically Integrated Geographic Encoding and Referencing.