

HONMA LAB.

[Management of Urban Environmental Systems]

International Center for Urban Safety Engineering

<http://www.honma-lab.iis.u-tokyo.ac.jp/>

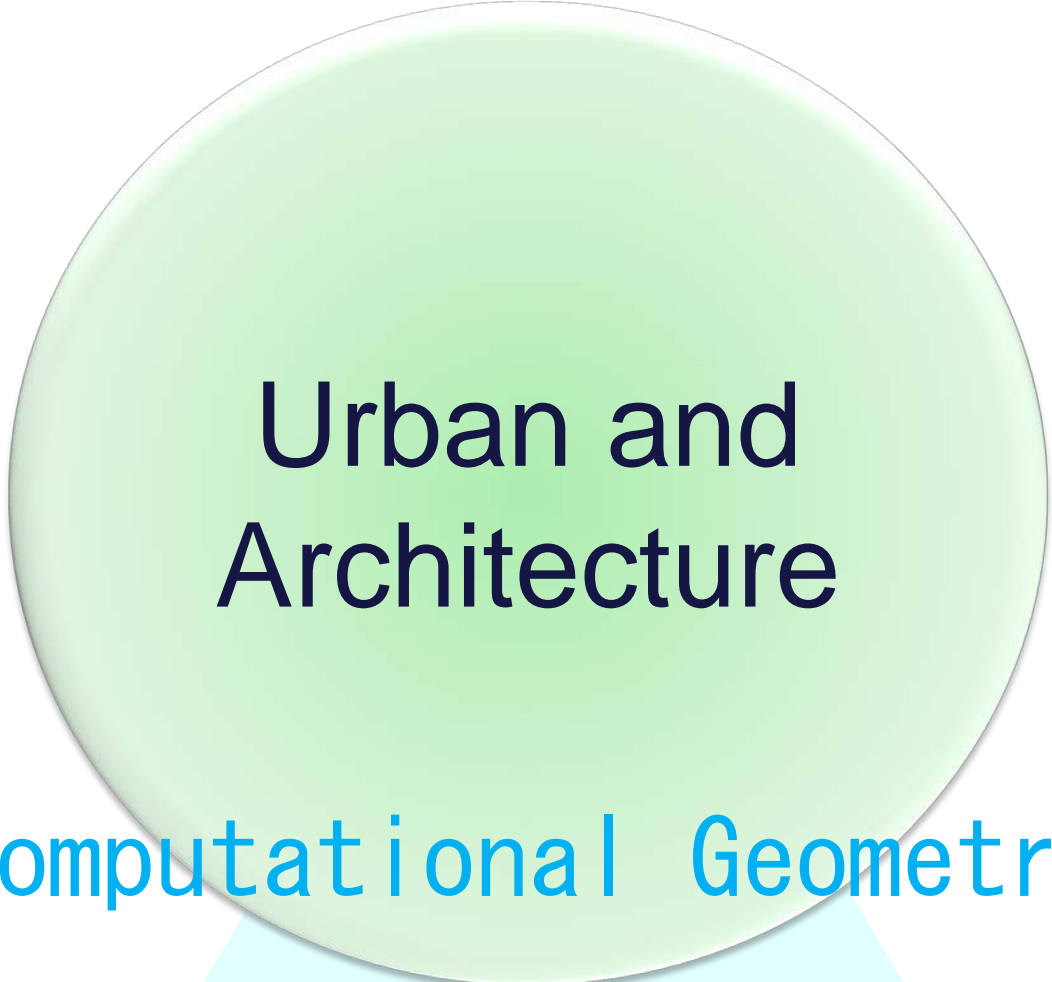
Urban Environmental Mathematical Engineering

Department of Architecture

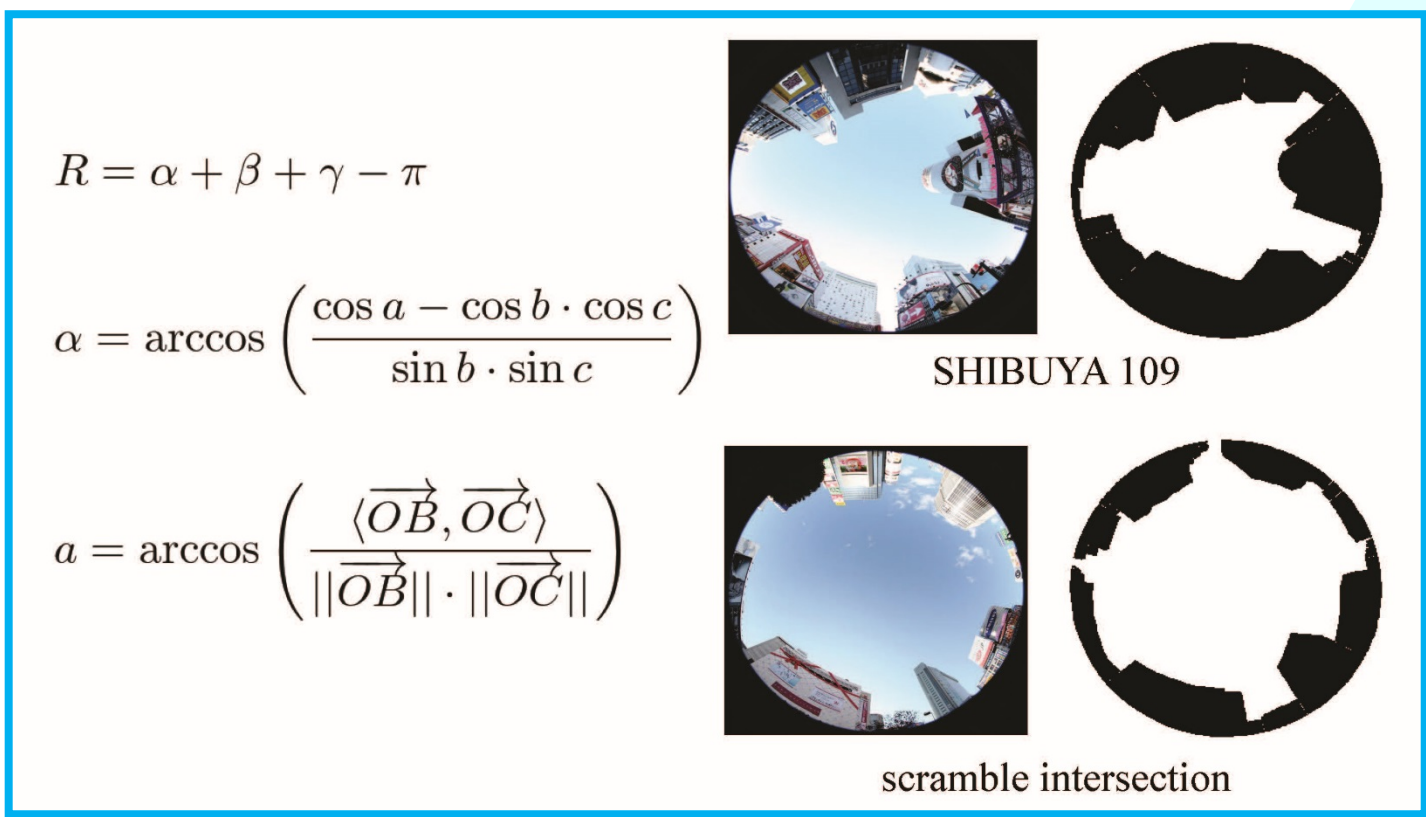
Management of Urban Environmental Systems

Mathematical Engineering for Sustainable Society

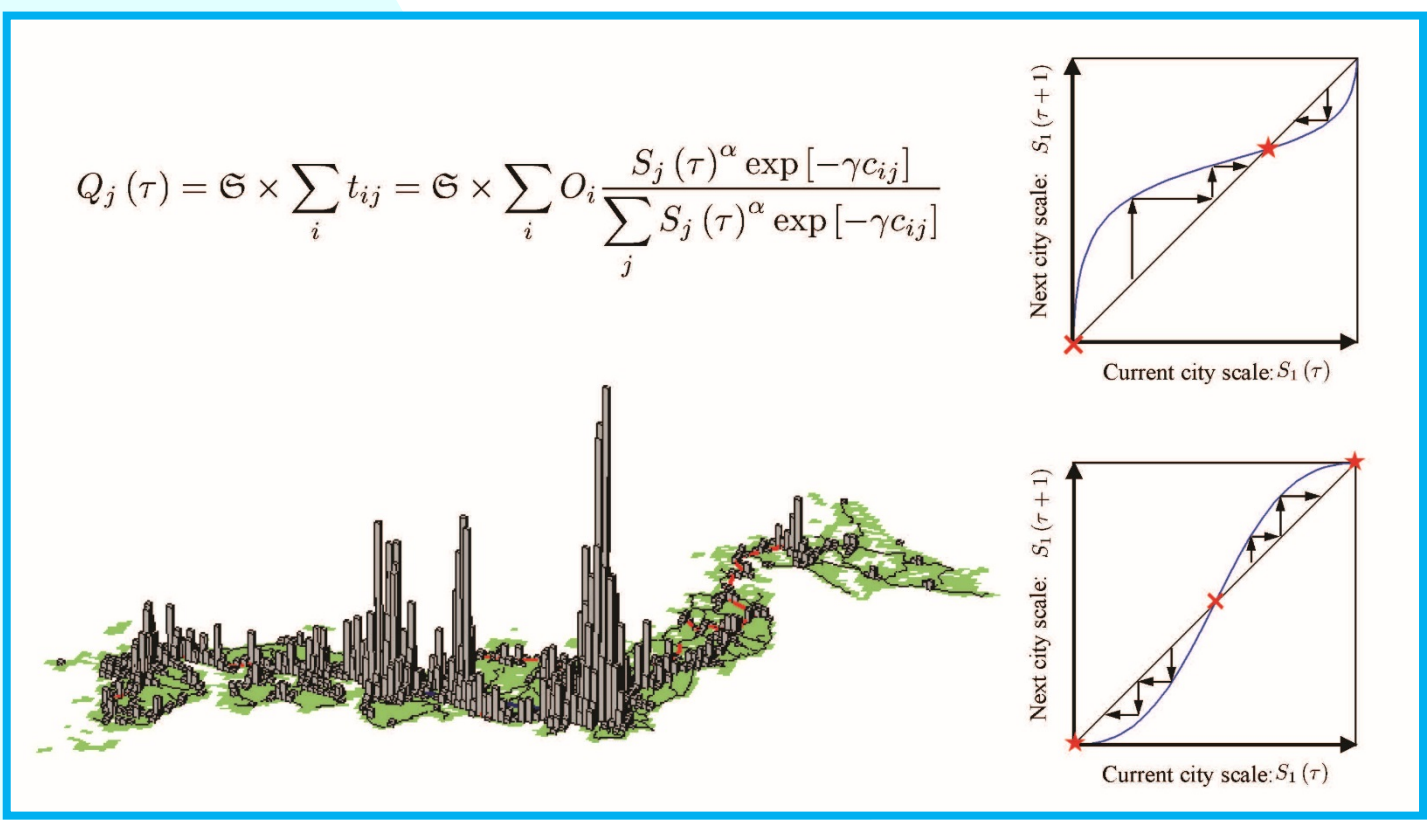
Urban environmental systems in present society have become large and complicated. In our laboratory, we have proposed to manage the above systems and grasp the basic structures using the “mathematical model”.



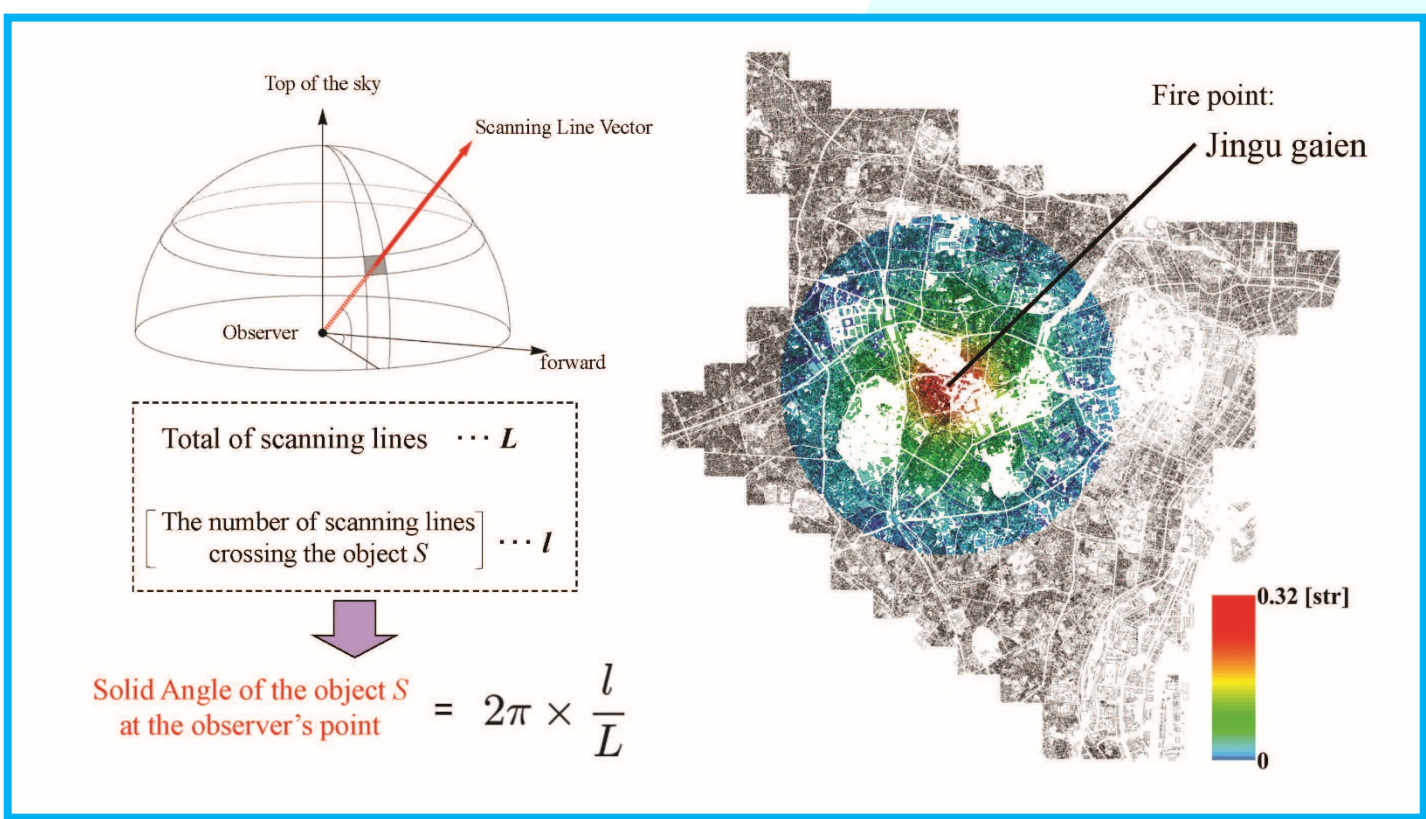
◆ Analysis of Landscapes Based on Computational Geometry



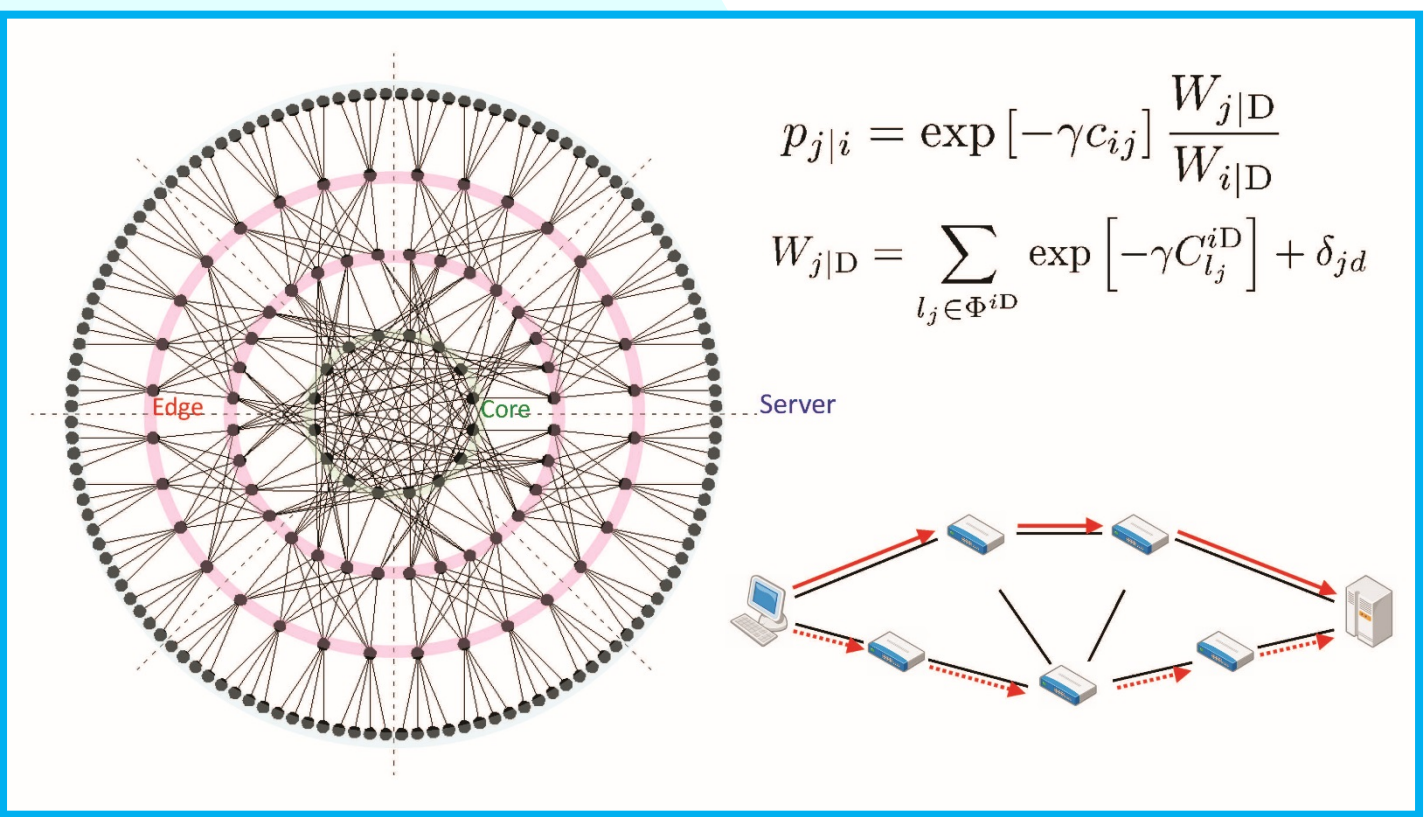
◆ Urban Concentrations by Japanese Railway Networks



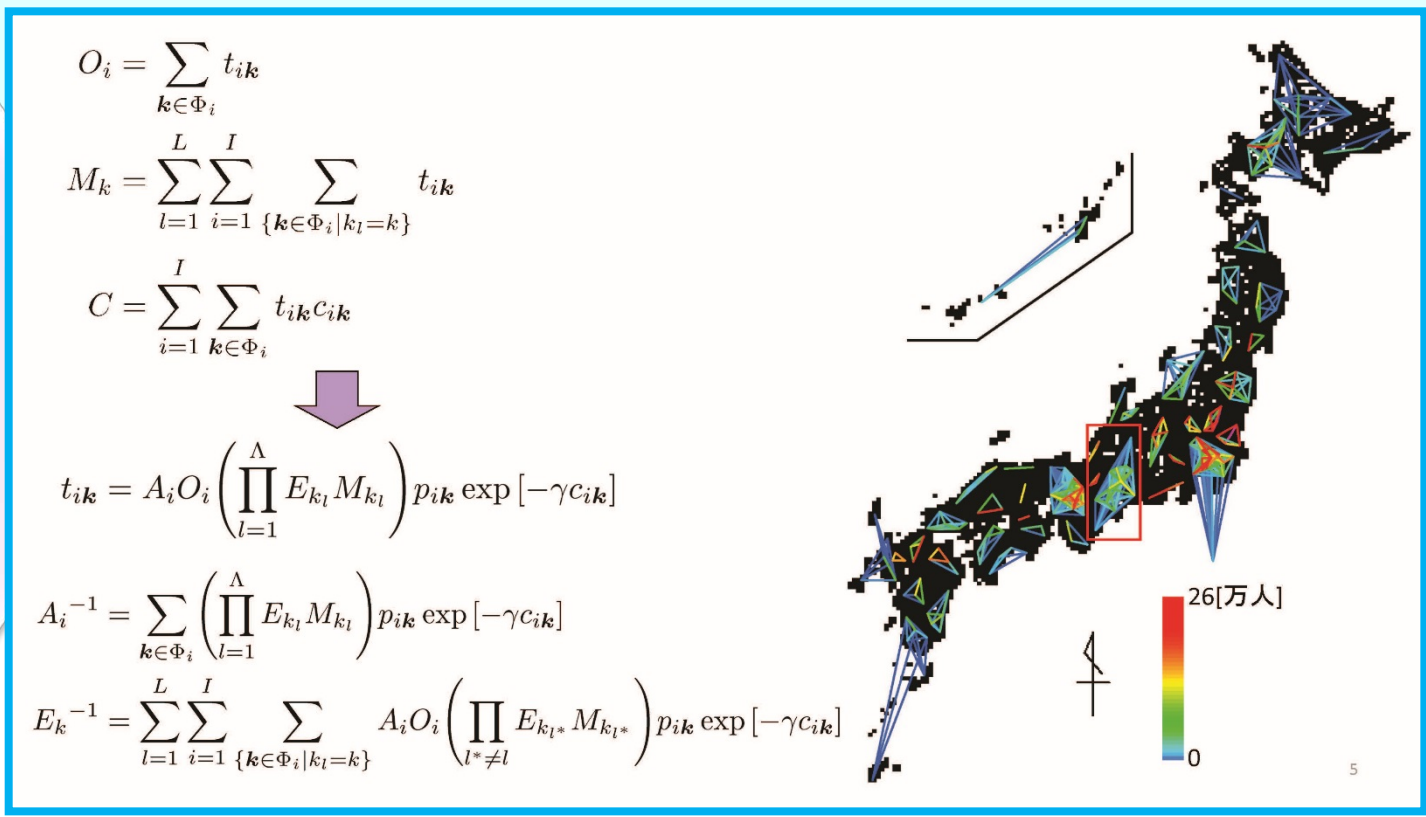
◆ Analysis of Fireworks Using Building Data



◆ Information Network for Sustainable Environment



◆ Sight-seeing Behavior Focused on Trip-chain



◆ Safety Stock in EV Battery Switch Stations

