

The Growth Models for Science of Cities

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- ▶ Zipf's law and its formation
 - ▶ Zipf's law without fine-tuning: static mesoscopic
 - ▶ Stationary distribution of dynamical processes for the sizes of groups of individuals
 - ▶ mesoscopic: cities
 - ▶ microscopic: individuals
- ▶ Gibrat's law and Taylor's law