Topic 19: Community Detection

by Sai Zhang

Key points: .

Disclaimer: *The note is built on Prof. Jinchi Lv's lectures of the course at USC, DSO 607, High-Dimensional Statistics and Big Data Problems.*

19.1 Stochastic Block Model

Consider an undirected graph G, with nodes V and edges E

Definition 19.1.1: Stochastic Block Model