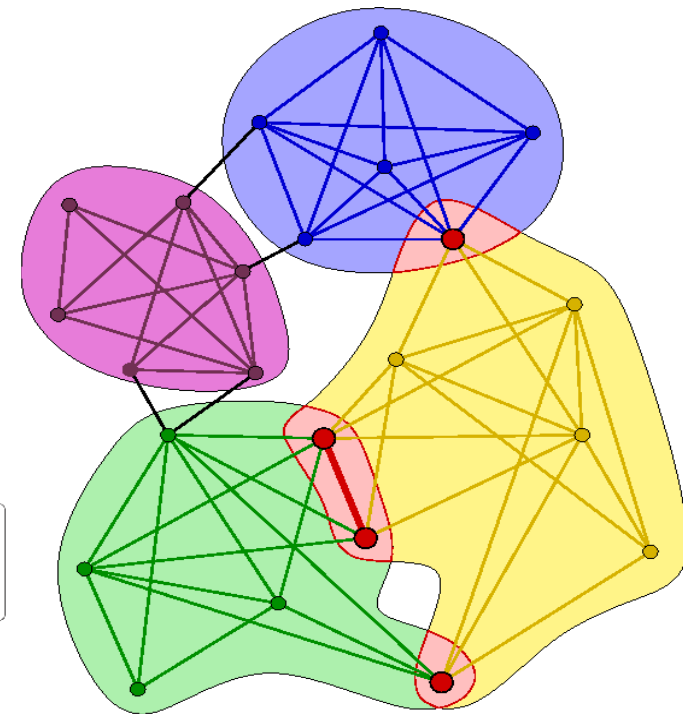
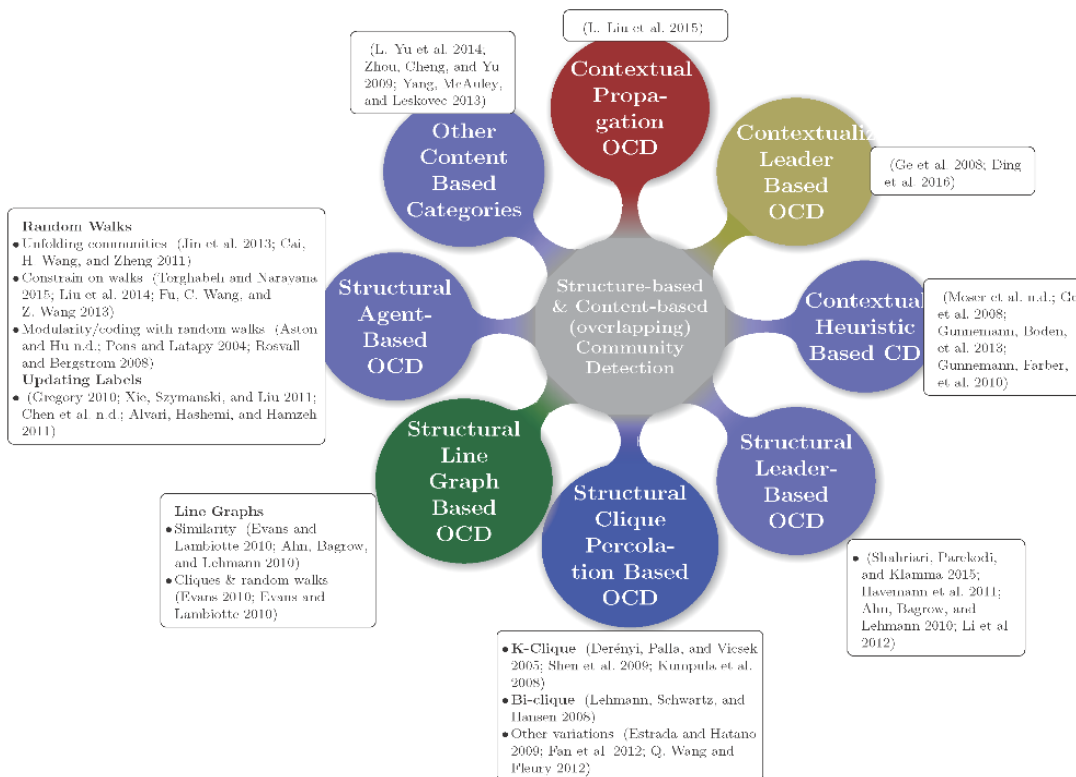


# Analysis of Content-Aware Overlapping Communities in a Learning Forum

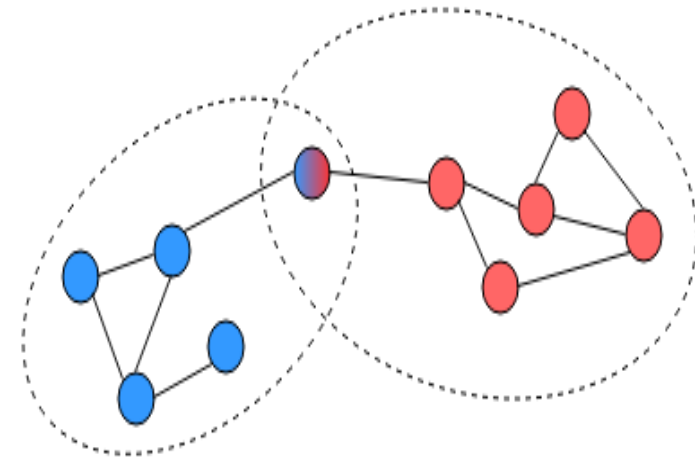
## Overlapping community detection algorithms

- Structural-based techniques
- Content-based techniques



# Contextual and Structural Properties of Overlapping Communities in a Learning Forum

- People form communities when they have some content, innovation and thoughts to share
- We apply overlapping community detection algorithms to detect overlapping communities
- We analyze number of overlapping nodes, average community size and number of detected communities in a learning forum



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