Community Formation

Taxation

ԑ\_core

relative

Depth-k Convex Checker

Central Community

Merge & Split

Many Communities

**Contribution #3:**

Distributed decision making for dynamic formation of web services communities

**Contribution #2:**

Analyzing Coopetition Strategies of Services within Communities

**Contribution #1:**

Efficient Coalition Formation for Web Services

DDM Decision Profile Generatiion

Distance function

DDM Decision Tree

Feature Extraction

Data Extraction and Solution Engineering

Feature Engineering (|N x N| Gain Matrix Generation)

Inner Community Coopetitive Behavior

Competition and Cooperation

Growth Factor

Coopetition Threashold