Data Graph  
Unweight, Undirected

Highly Connected Graph

No

Yes

Find Sub Cycles 3 nodes

Find Max Inter Cluster Density

No

Find Sub Cycles like 1 nodes

Find Sub Cycles like 2 nodes

No

Yes

Yes

Calculate Difference Density

Difference Density >= 0.7

No

Yes

Merge Sub Cycles to Cluster Number

Find Sub Cycles like 2, 1 nodes

No

Yes

Calculate Difference Density

Yes

Difference Density >= 0.7

No

Yes

Merge Sub Cycles to Cluster Number

Find Rest Sub Cycles 3 nodes

Yes

No

Graph

Find Terminal Nodes

Calculate Difference Density

Difference Density >= 0.7

No

Yes

Merge Terminal to Cluster Number

Graph Clustering

Measurement

Modularity Matric

Conductance Matric

Coverage Matric