

eigenpool

objective: to hierarchically summarize node information and generate graph representation.

based on local graph Fourier transform

can extract subgraph information utilizing both node features and structure of the subgraph

components

1) graph coarsening, which divides the graph into a set of subgraphs and form a coarsened graph by treating sub graphs as supernodes;

spectral clustering

2) transform the original graph signal information into the graph signal defined on the coarsened graph with EigenPooling.

? computational performance

locally dependent

time

storage