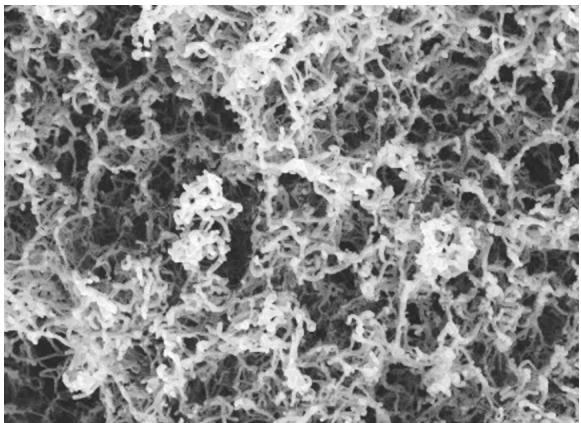
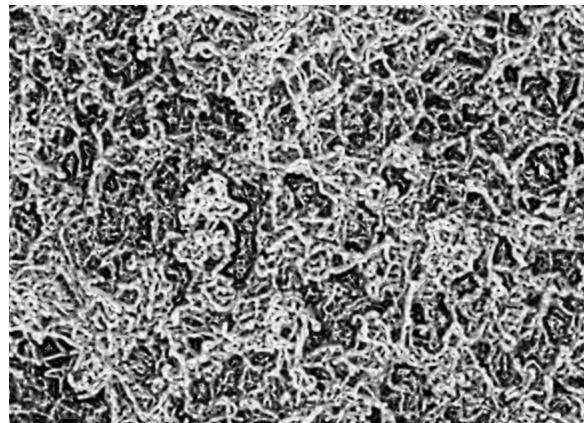


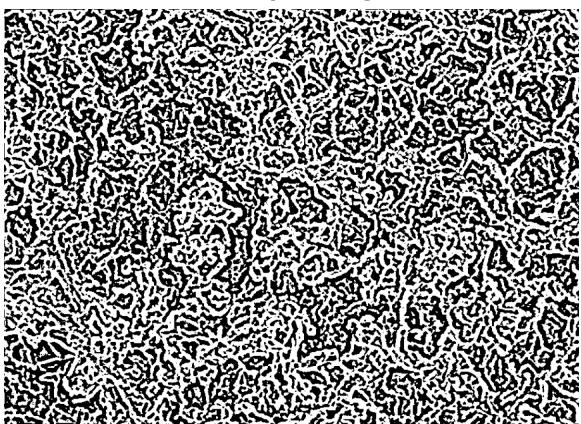
Original Image



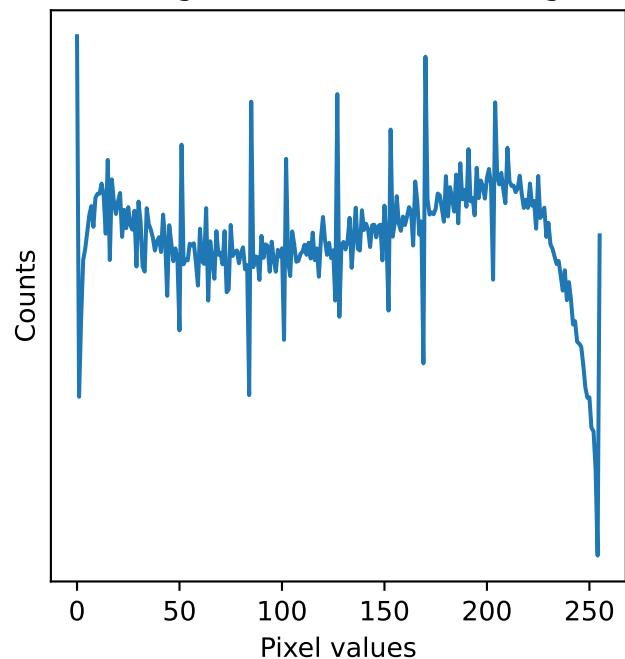
Processed Image



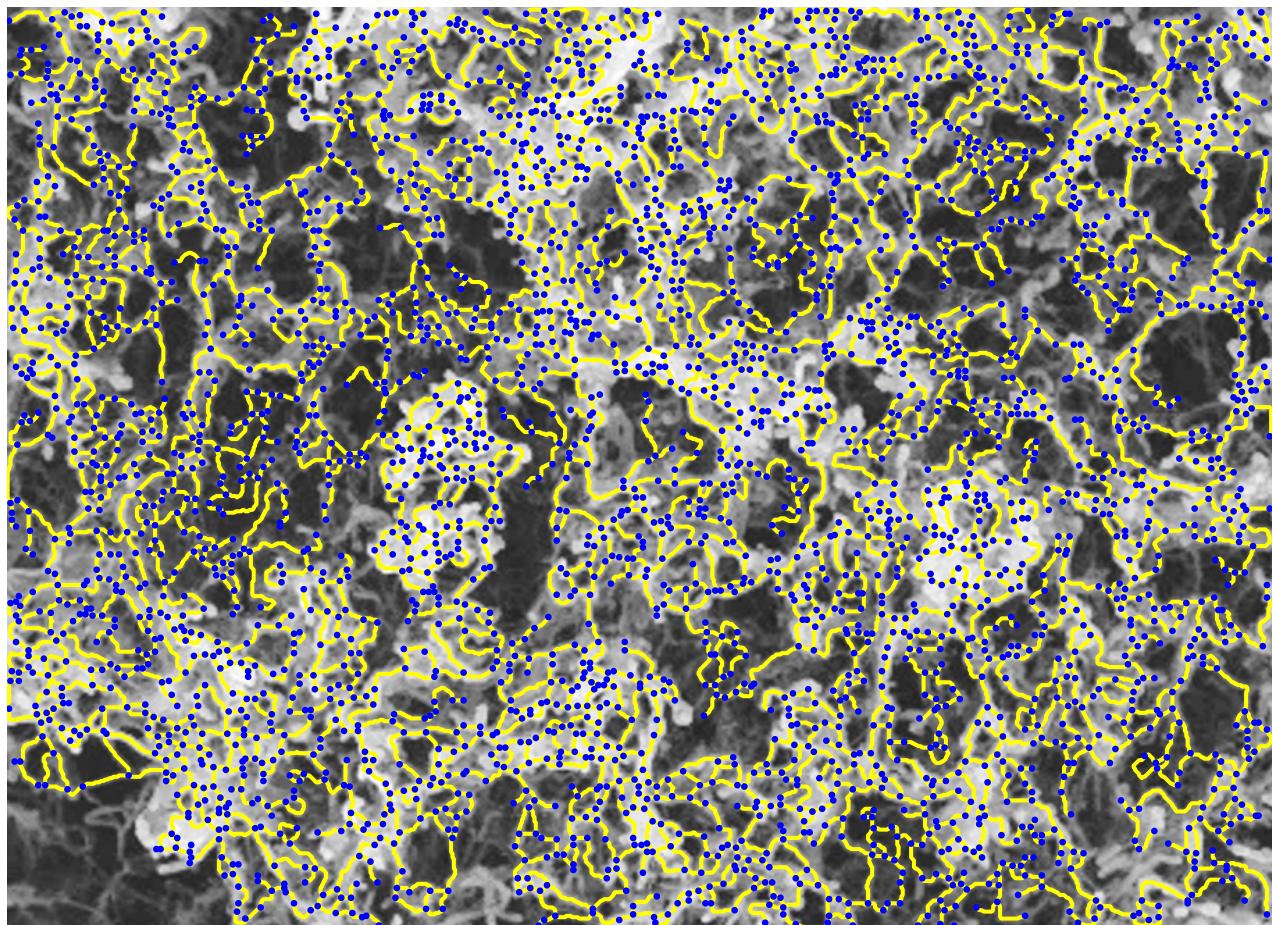
Binary Image



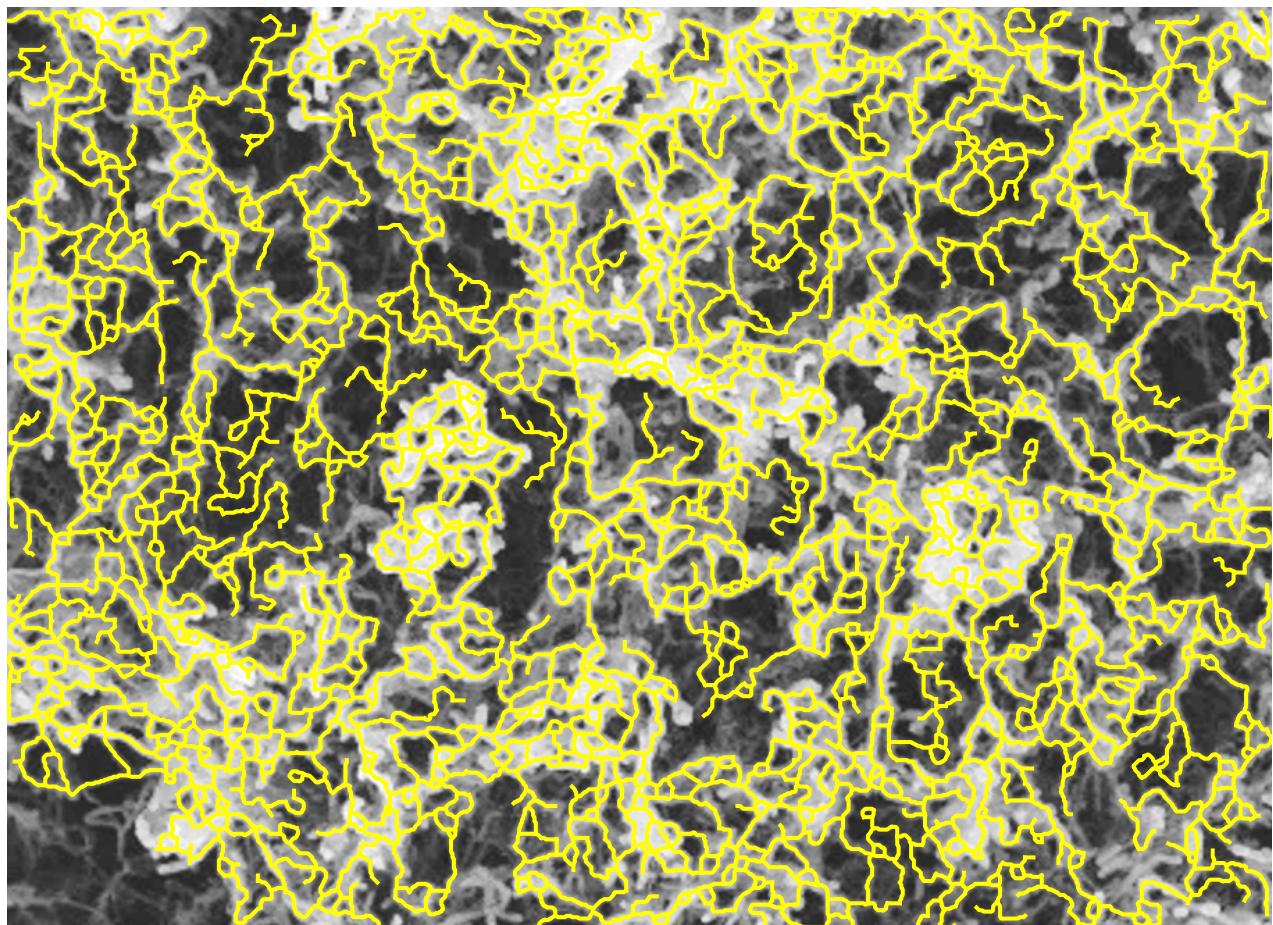
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

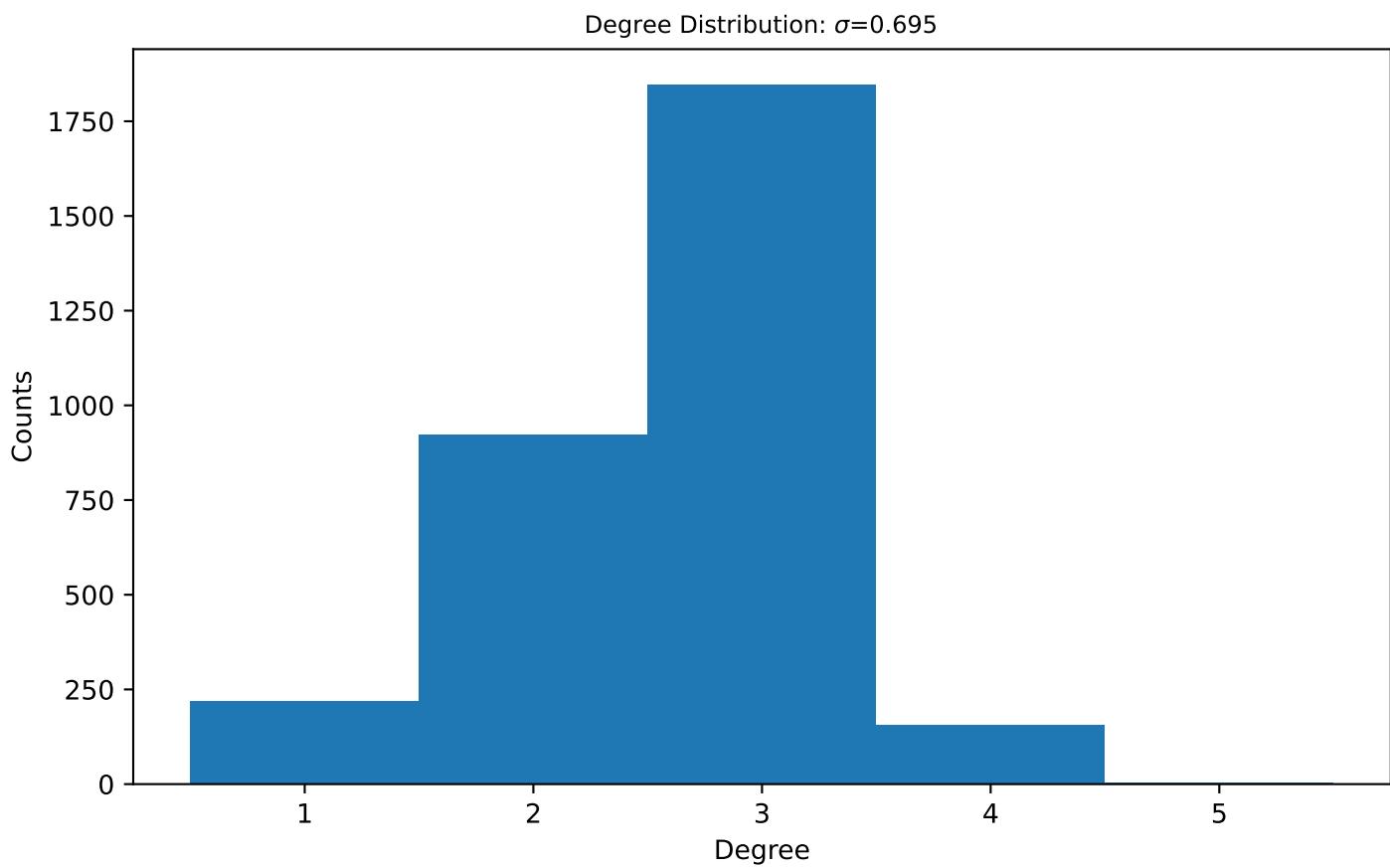


### Unweighted GT parameters

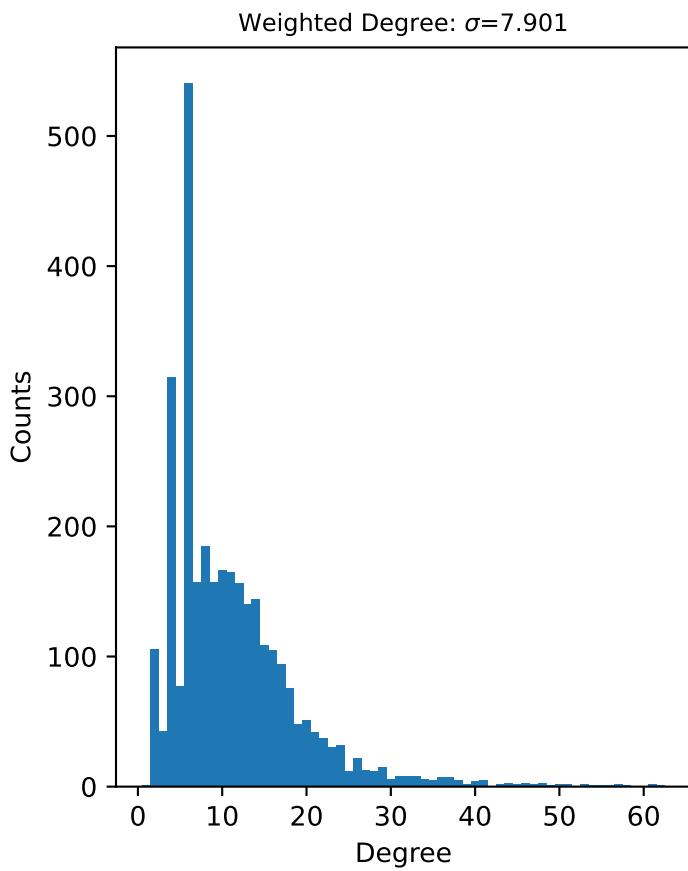
|                              |         |
|------------------------------|---------|
| Number of nodes              | 3153.0  |
| Number of edges              | 4130.0  |
| Average edge angle (degrees) | 160.024 |
| Median edge angle (degrees)  | 86.979  |
| Average degree               | 2.61973 |
| Network diameter             | 128.0   |
| Graph density                | 0.00083 |

### Weighted GT parameters

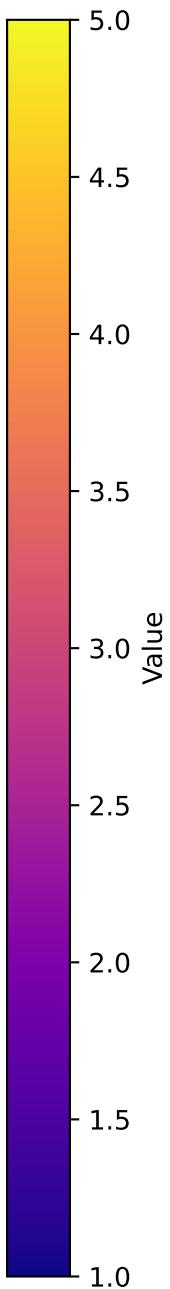
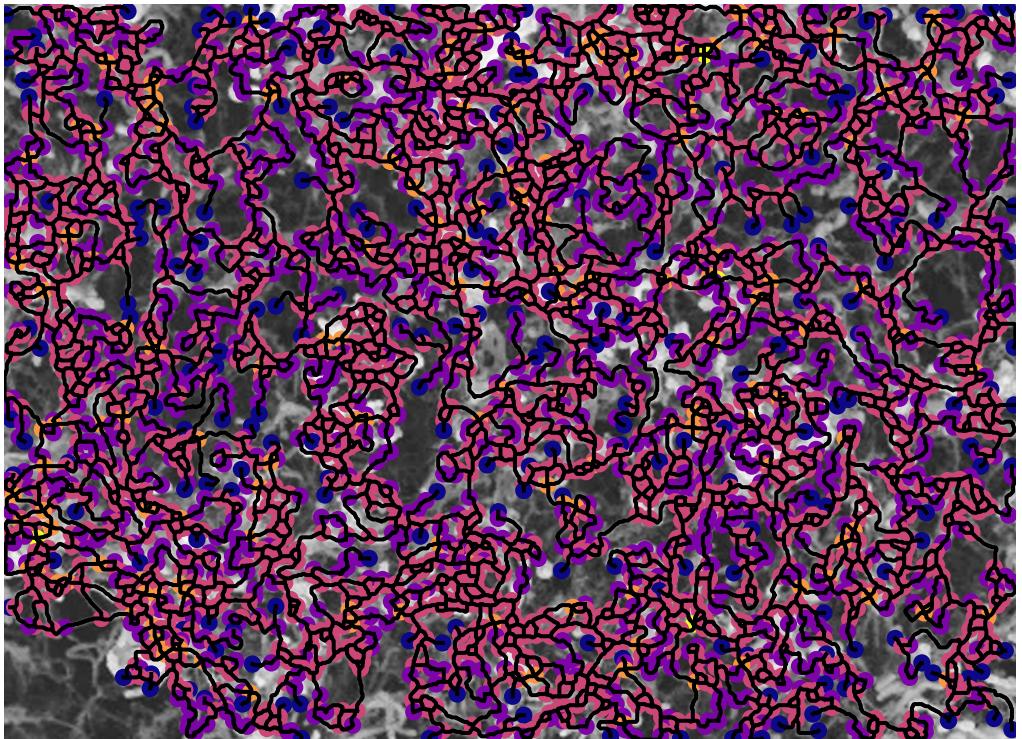
|                                  |          |
|----------------------------------|----------|
| Diameter-weighted average degree | 11.33727 |
|----------------------------------|----------|



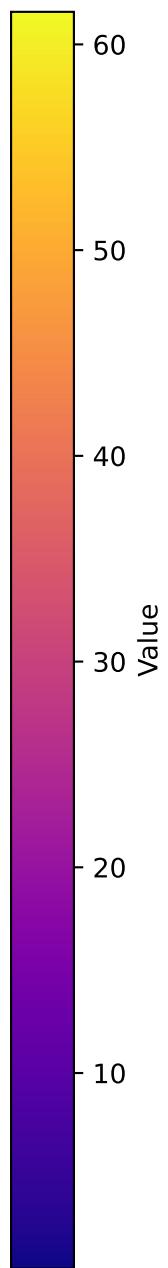
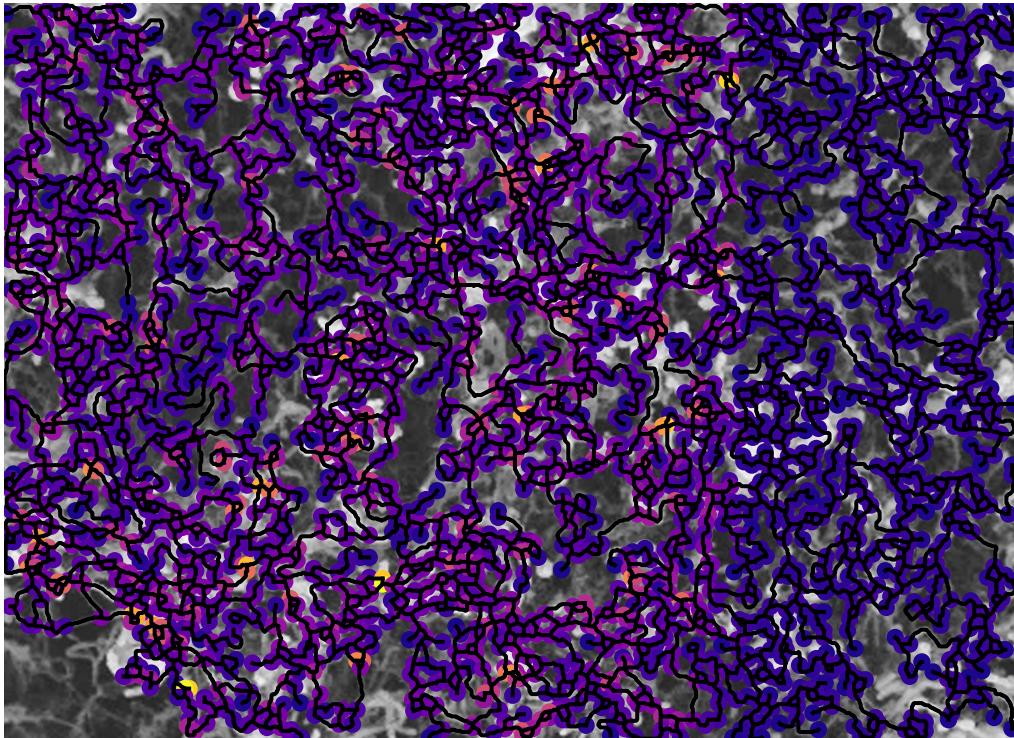




Degree Heatmap



Weighted Degree Heatmap



## Run Info

CANN copy.jpeg  
2025-06-01 13:37:55

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\*\*\*Image Filter Configurations\*\*\*

Adaptive Threshold, 17 bit kernel || Gamma = 0.65  
Autolevel, 7.0 bit kernel  
Low-pass filter, 3 window size

\*\*\*Microscopy Parameters\*\*\*

Scalebar Value = 0.0 nm || Scalebar Pixel Count = 1  
Resistivity = 1.0Ωm

\*\*\*Image Scale\*\*\*

Size = 662 x 910 px || Scale Factor = 1.0

\*\*\*Graph Extraction Configurations\*\*\*

Weight Type: Diameter || Merge Nodes || Prune Dangling Edges  
Remove Objects of Size = 500 || Remove Self Loops