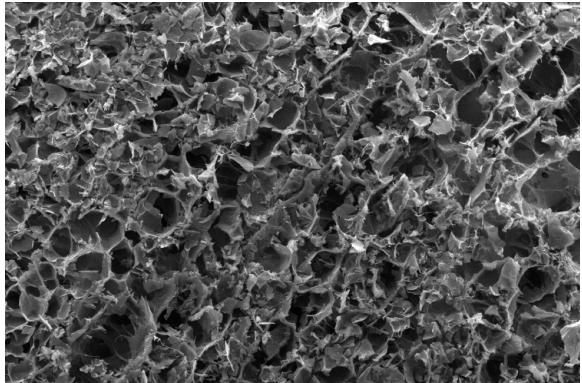
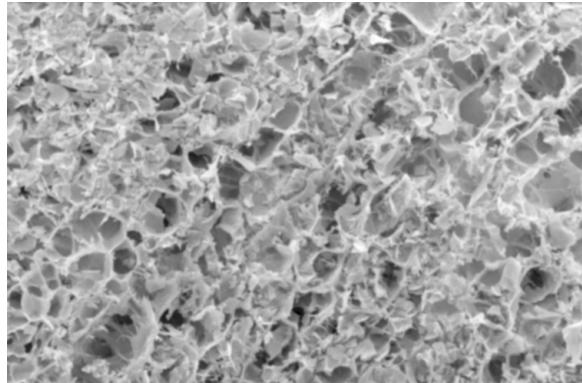


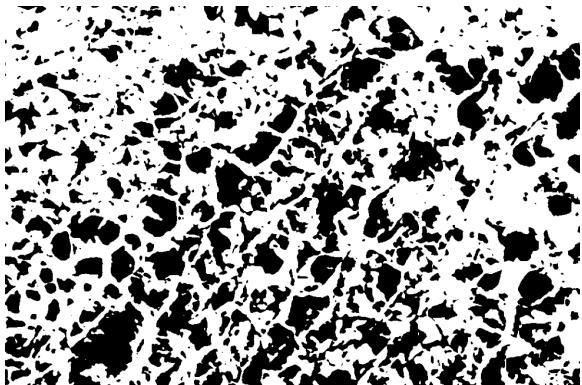
Original Image



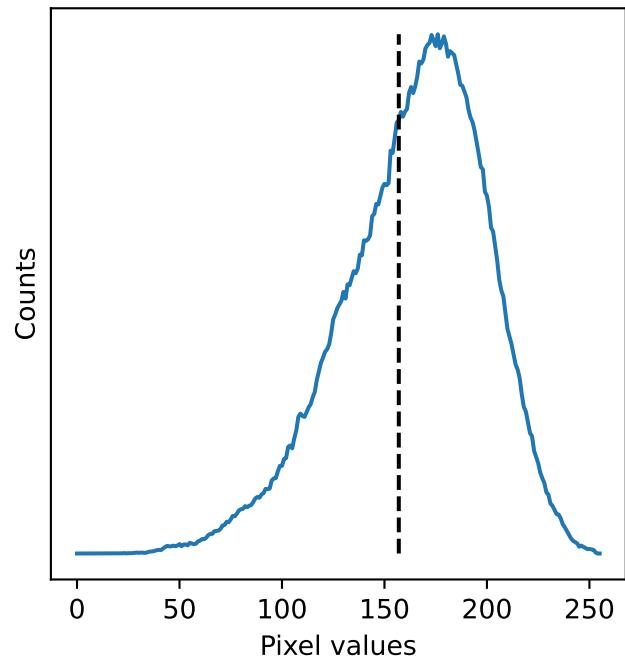
Processed Image



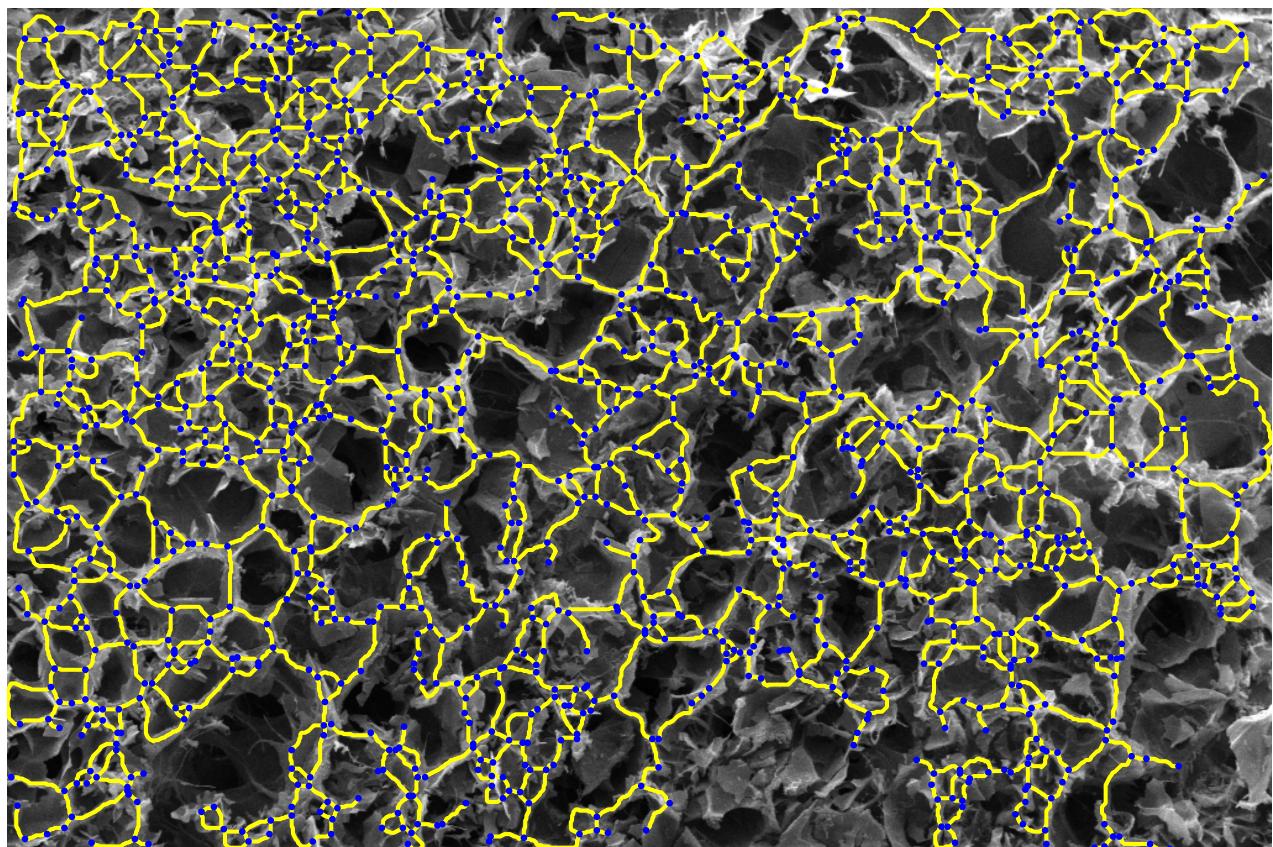
Binary Image



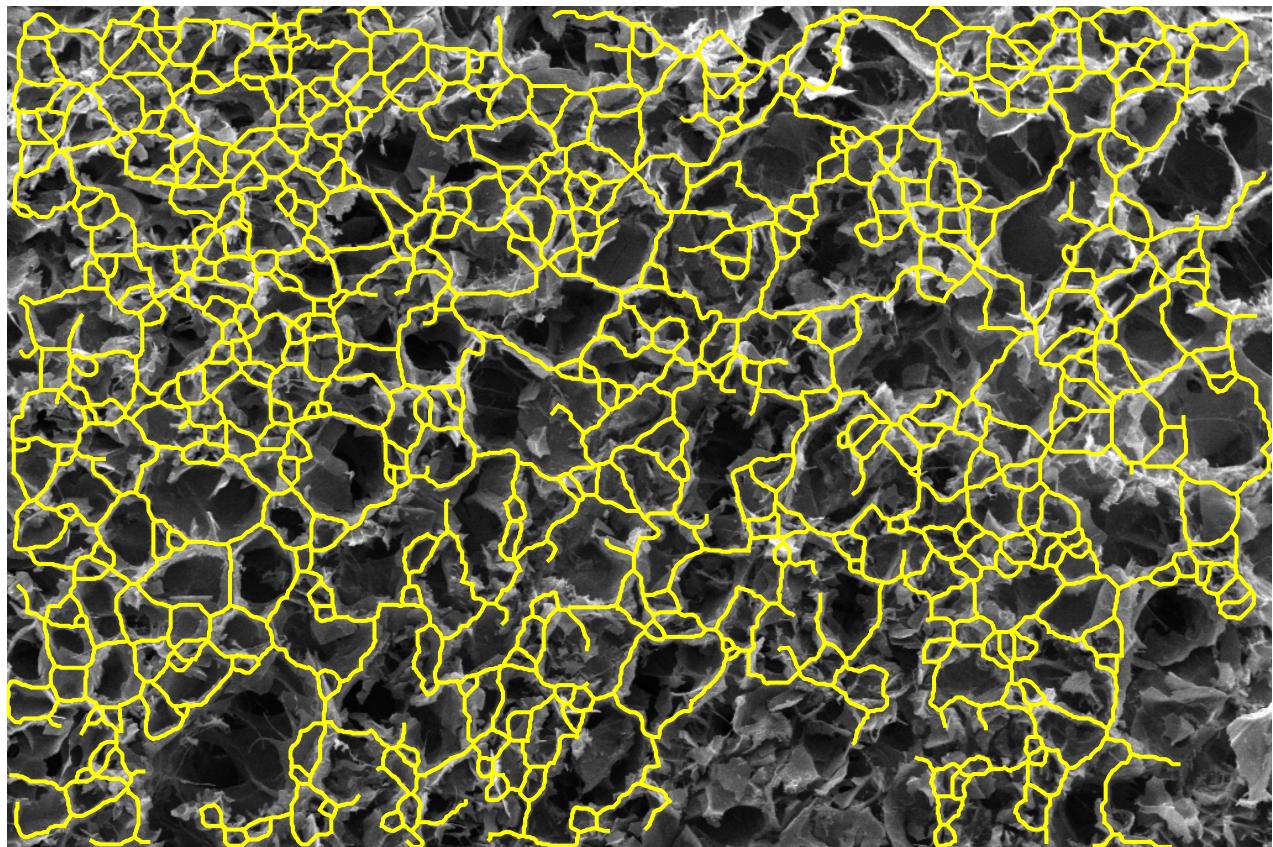
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot



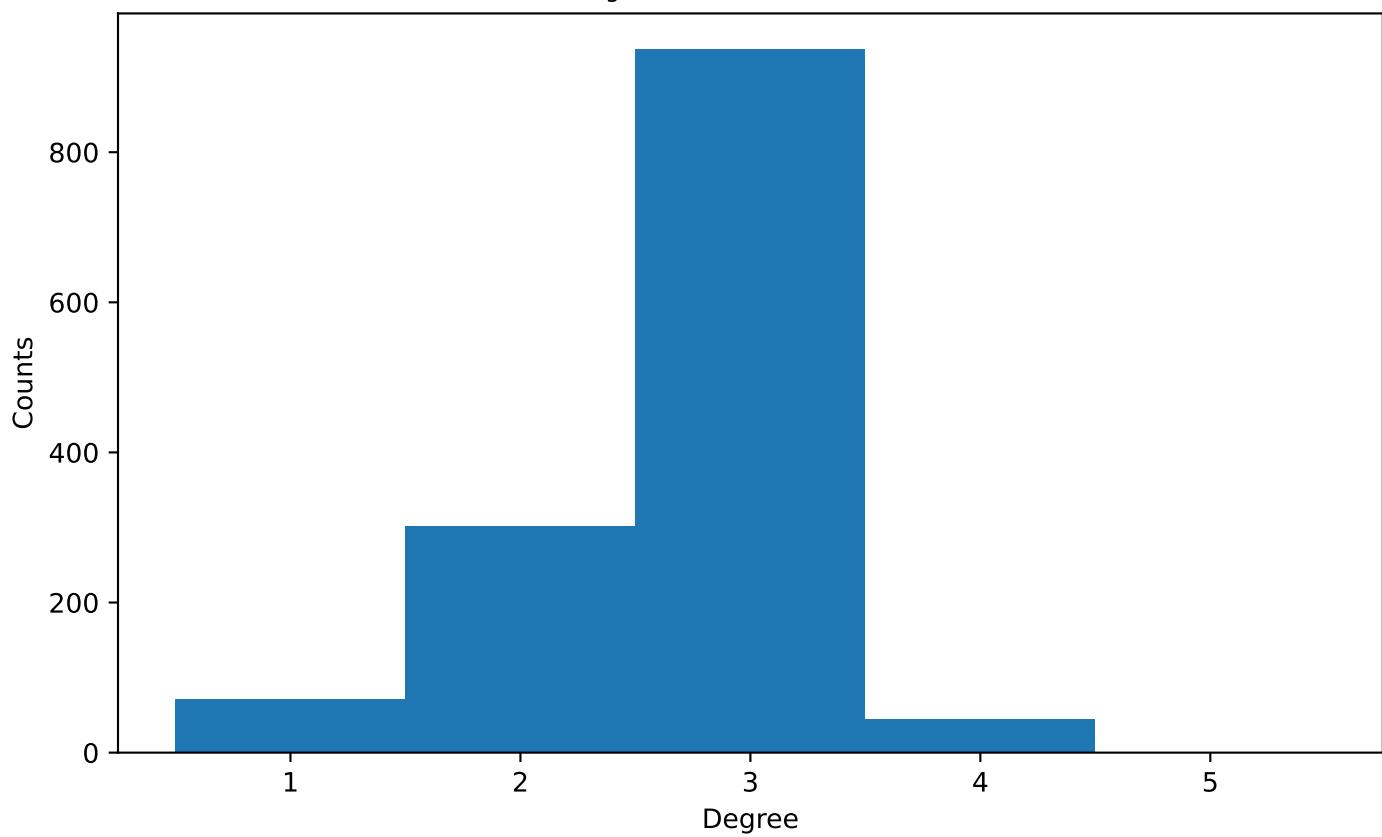
### Unweighted GT parameters

Number of nodes	1356.0
Number of edges	1835.0
Average edge angle (degrees)	164.594
Median edge angle (degrees)	90.0
Average degree	2.70649
Network diameter	80.0
Graph density	0.002

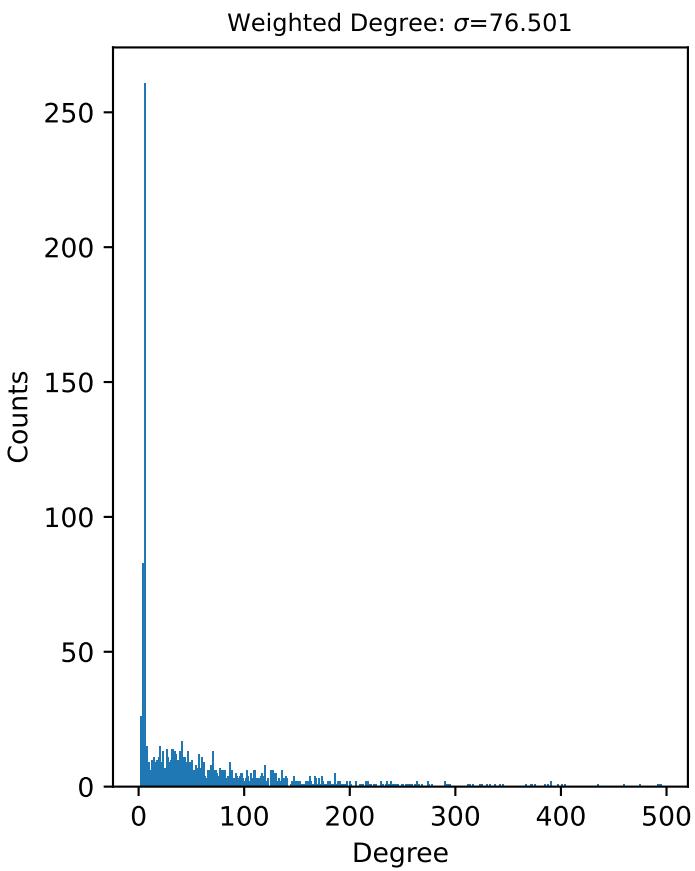
### Weighted GT parameters

Diameter-weighted average degree	63.67481
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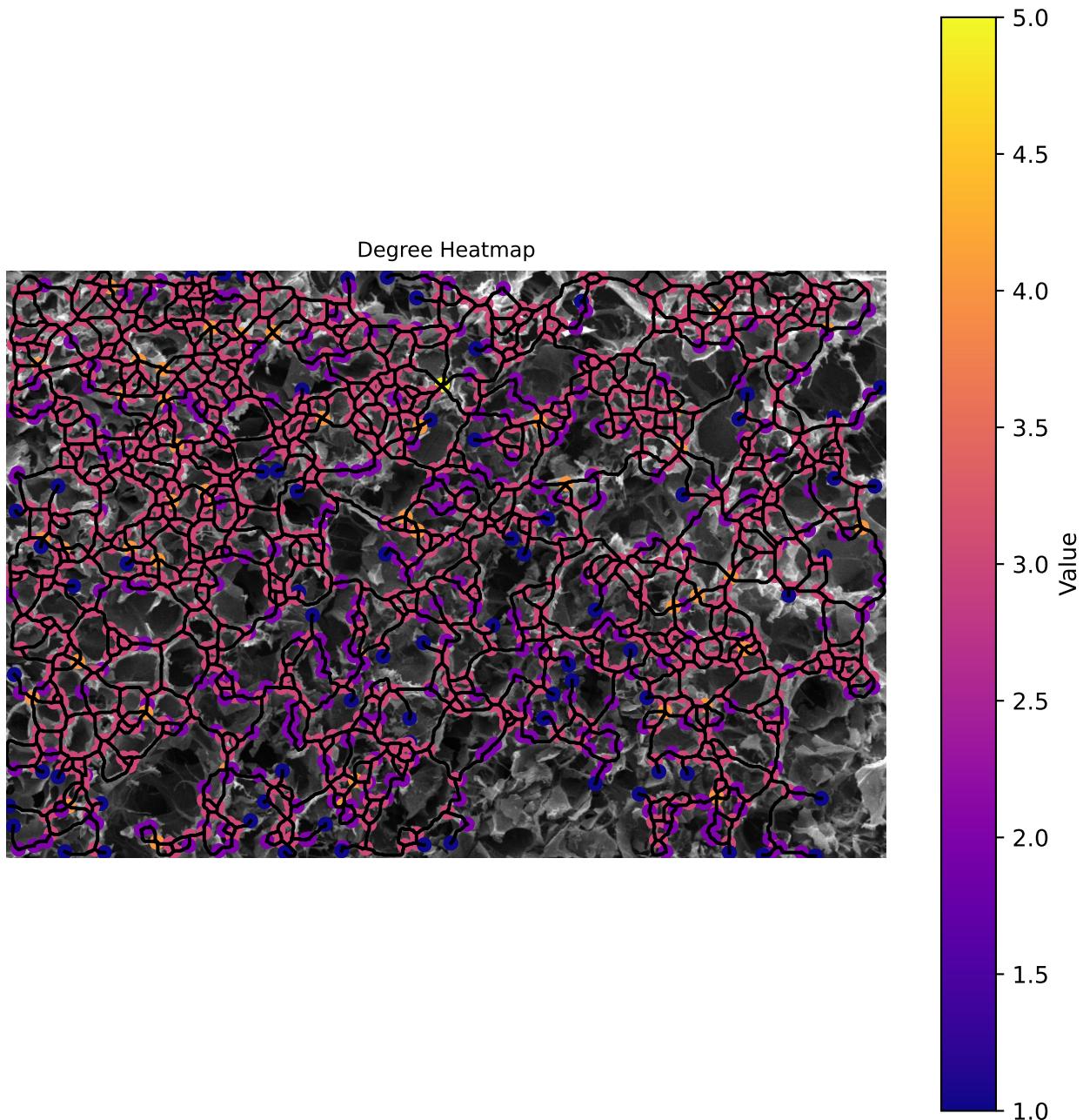
Degree Distribution:  $\sigma=0.618$



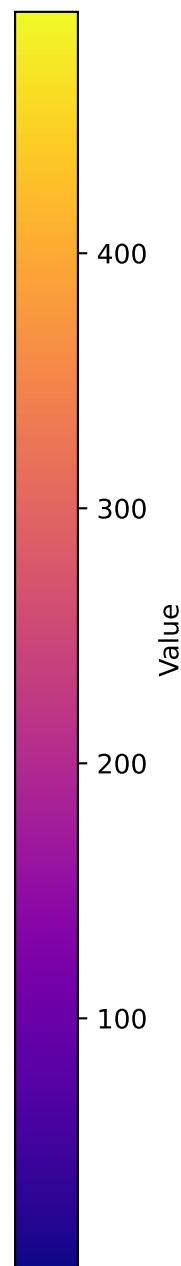
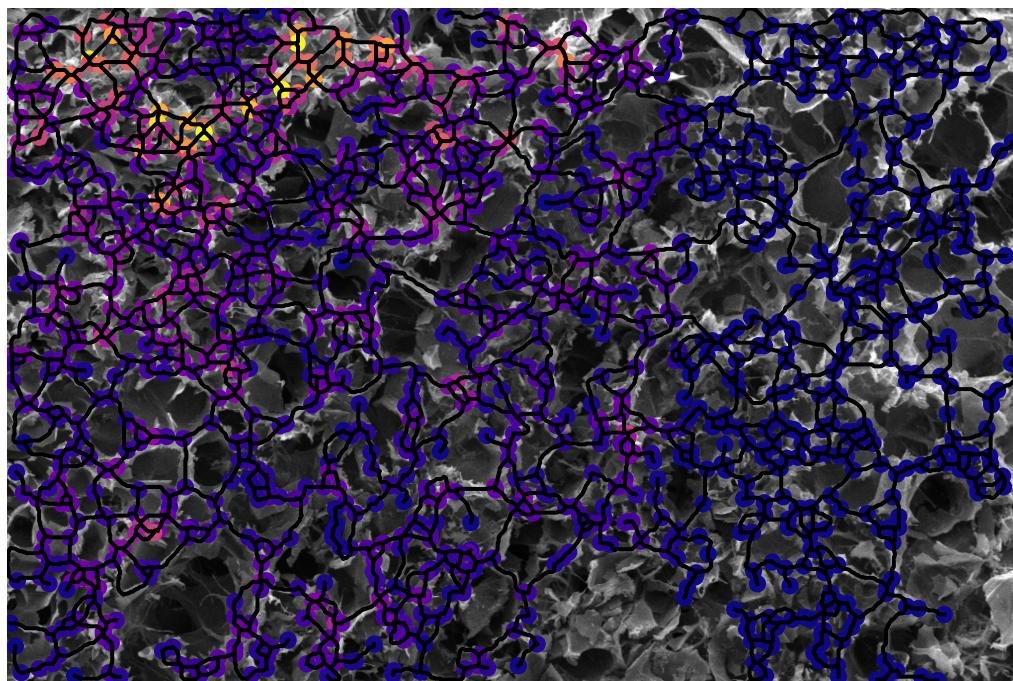




Degree Heatmap



Weighted Degree Heatmap



## Run Info

i (3).tif  
2025-06-05 16:17:06

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\*\*\*Image Filter Configurations\*\*\*  
OTSU Threshold || Gamma = 4.95  
    Gaussian Blur, 5.0 bit kernel  
    Low-pass filter, 7 window size

\*\*\*Microscopy Parameters\*\*\*  
Scalebar Value = 0.0 nm || Scalebar Pixel Count = 1  
    Resistivity = 1.0Ωm

\*\*\*Image Scale\*\*\*  
Size = 682 x 1024 px || Scale Factor = 0.6666666666666666

\*\*\*Graph Extraction Configurations\*\*\*  
Weight Type: Diameter || Merge Nodes || Prune Dangling Edges  
    Remove Objects of Size = 500 || Remove Self Loops