

Fuzzy Project: **isCell or isNotCell?**

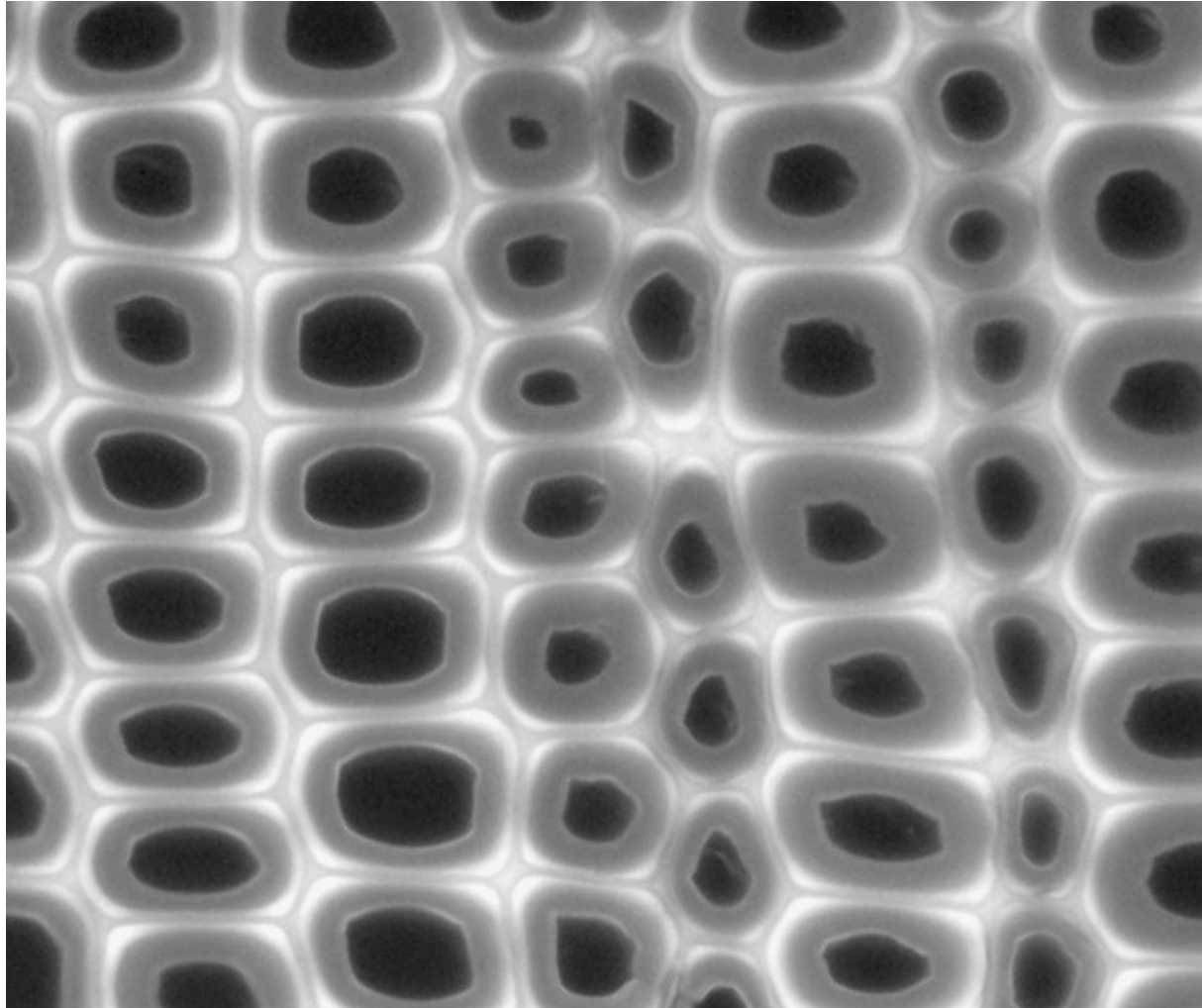
Bettina Selig

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Wood cells



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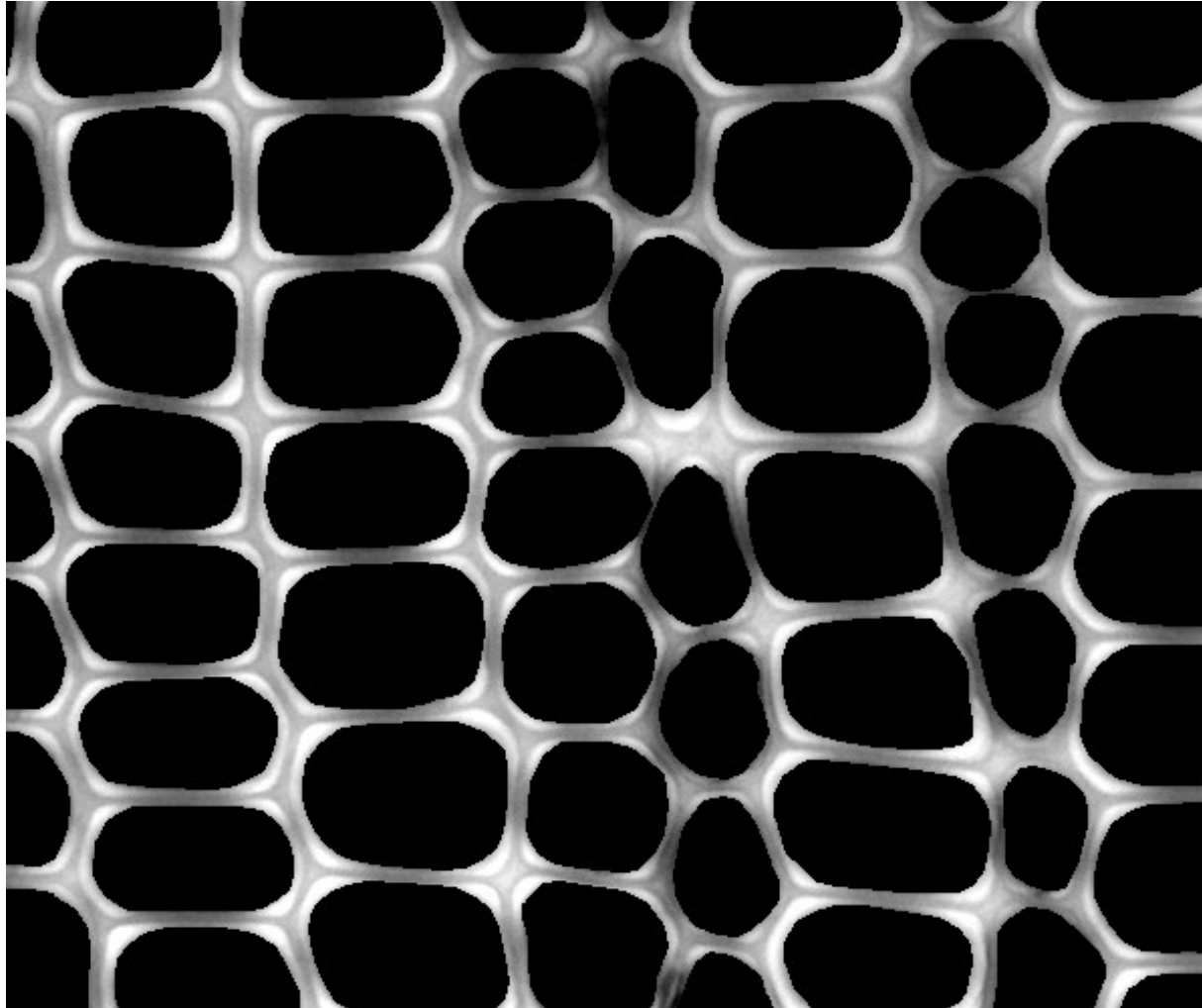
bettina@cb.uu.se



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Task for today

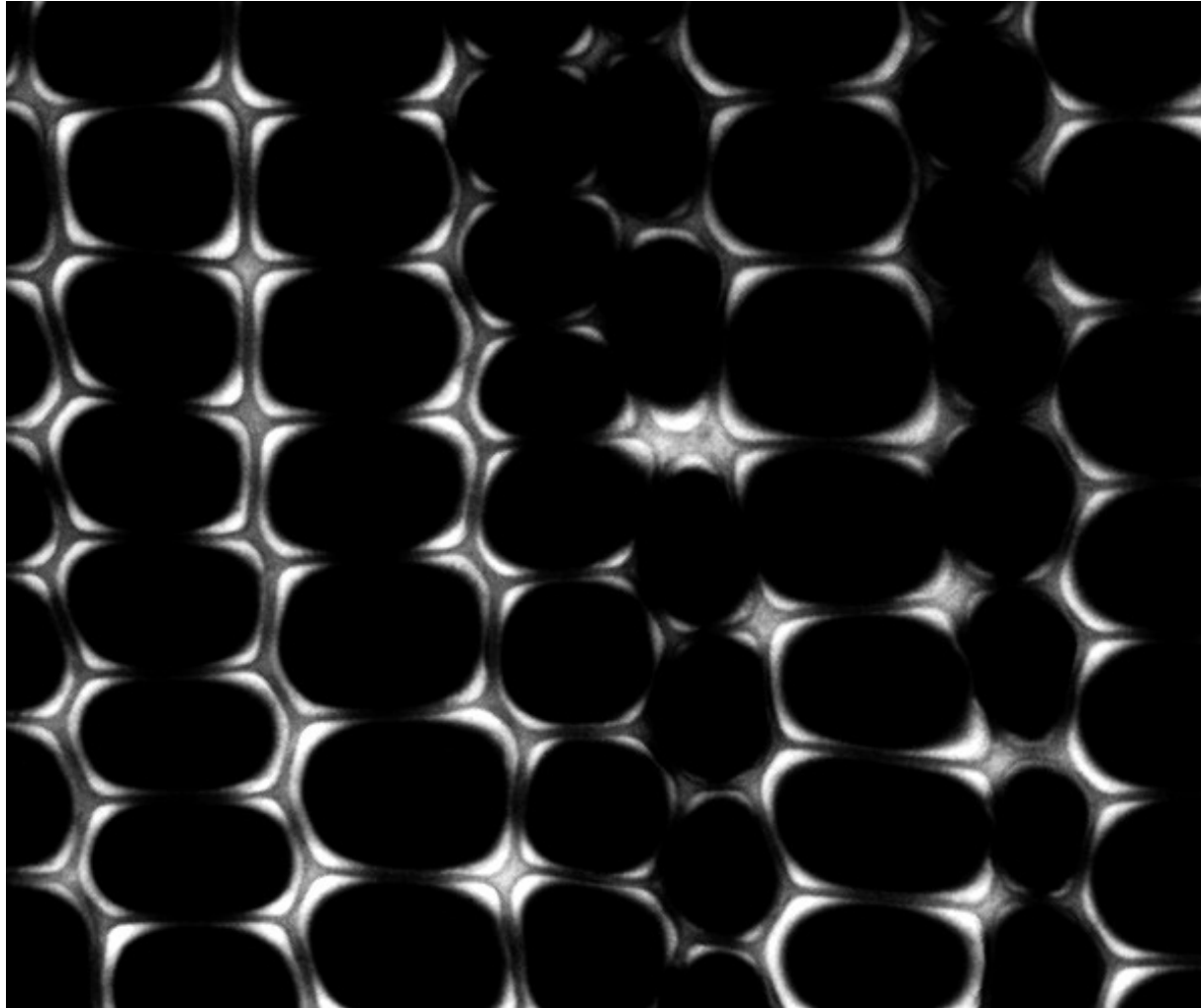


Approaches

- Gray values
- Gray values and spatial information
- k-nearest neighbors
- Distance to mean(s)



Pal and Rosenfeld: Alg. 1



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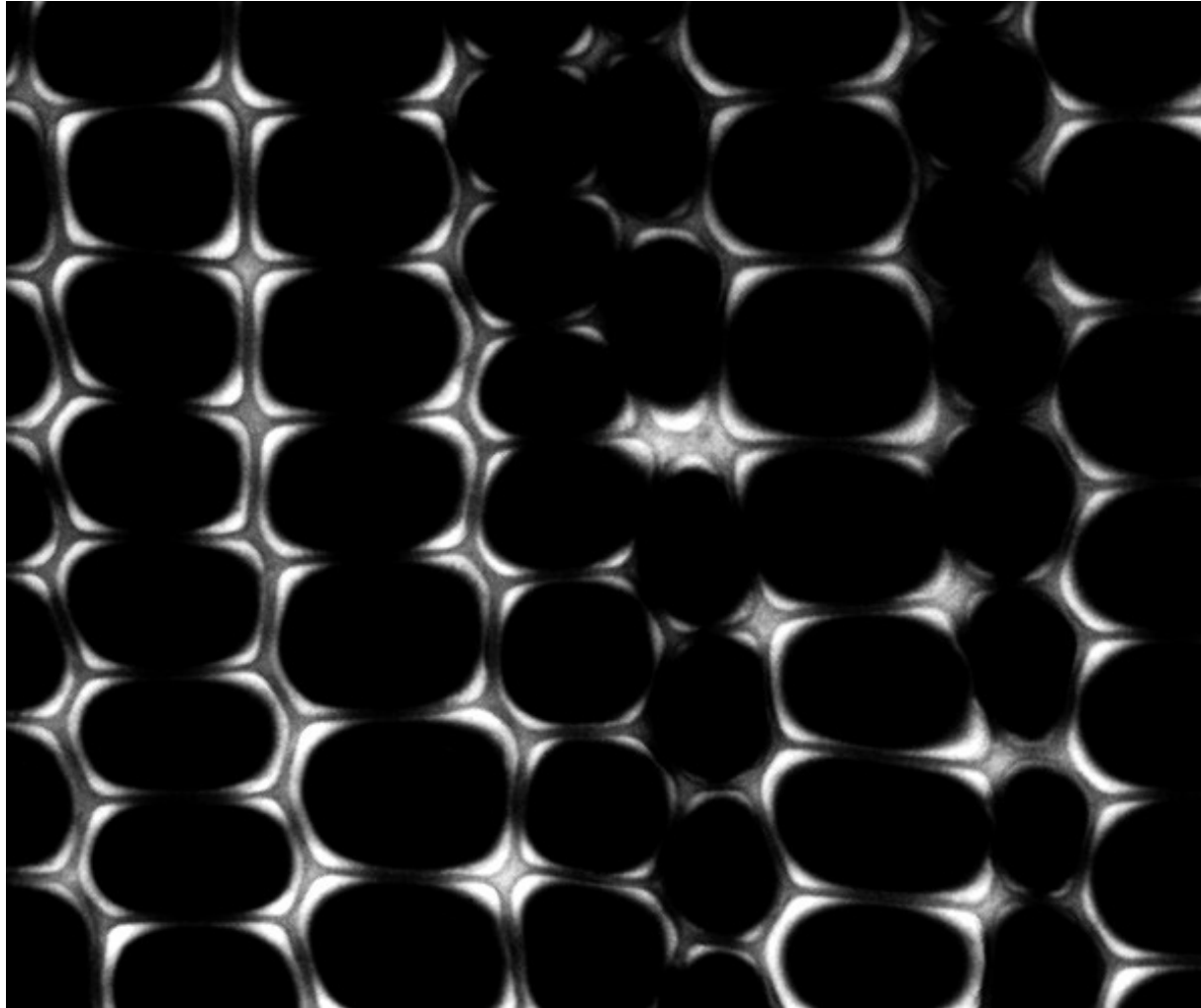


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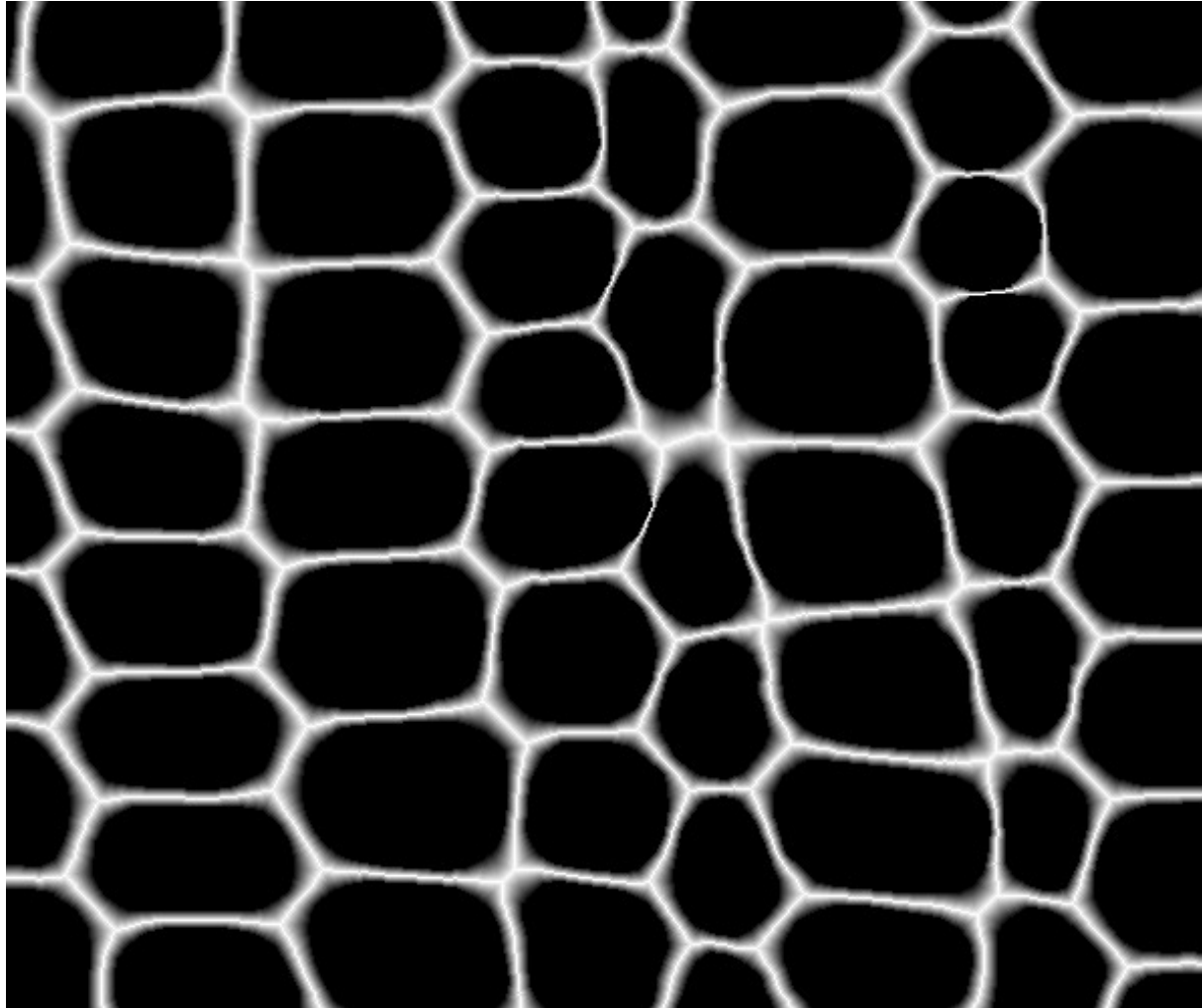


SLU

Pal and Rosenfeld: Alg. 2



Distance from cell



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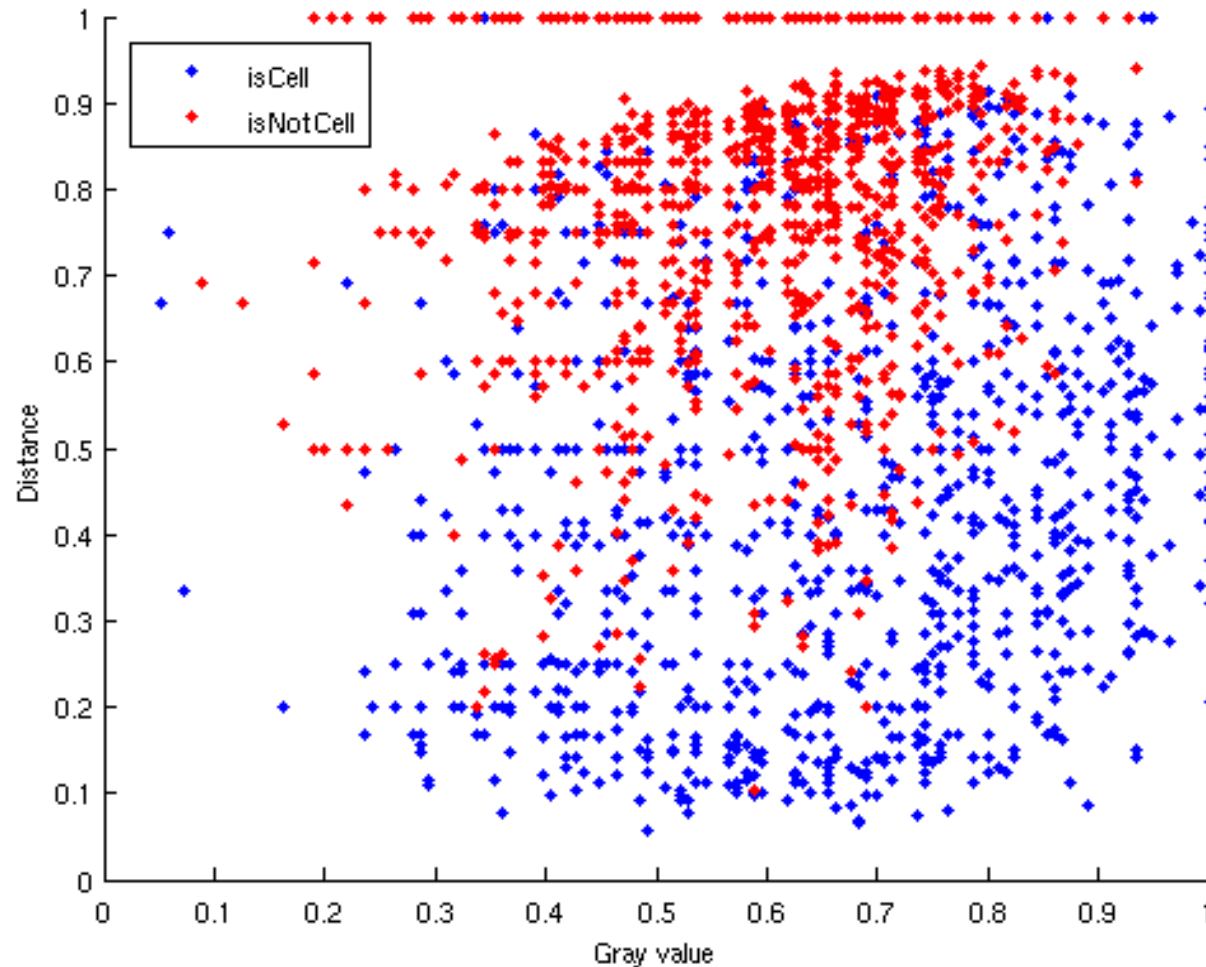


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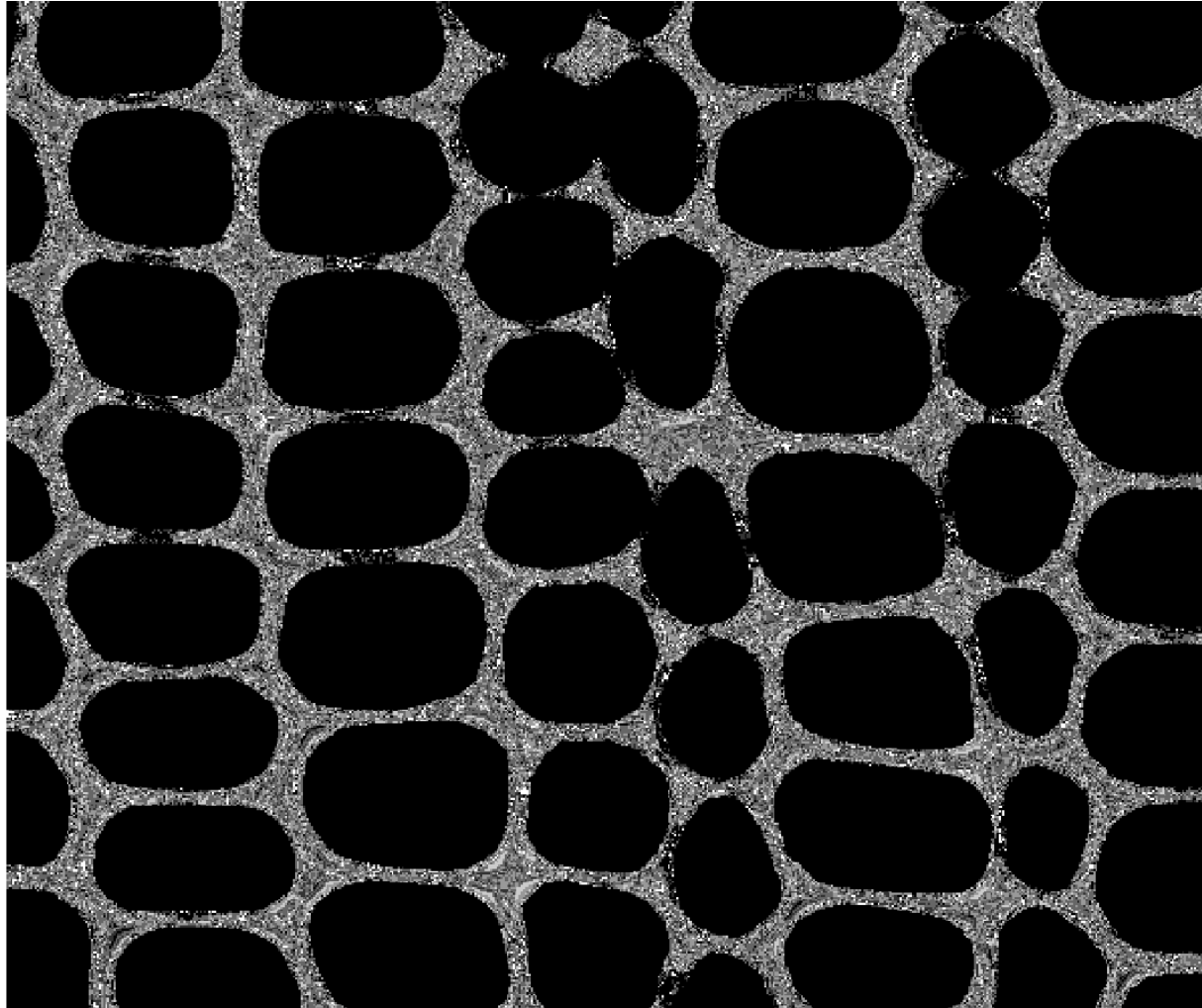


SLU

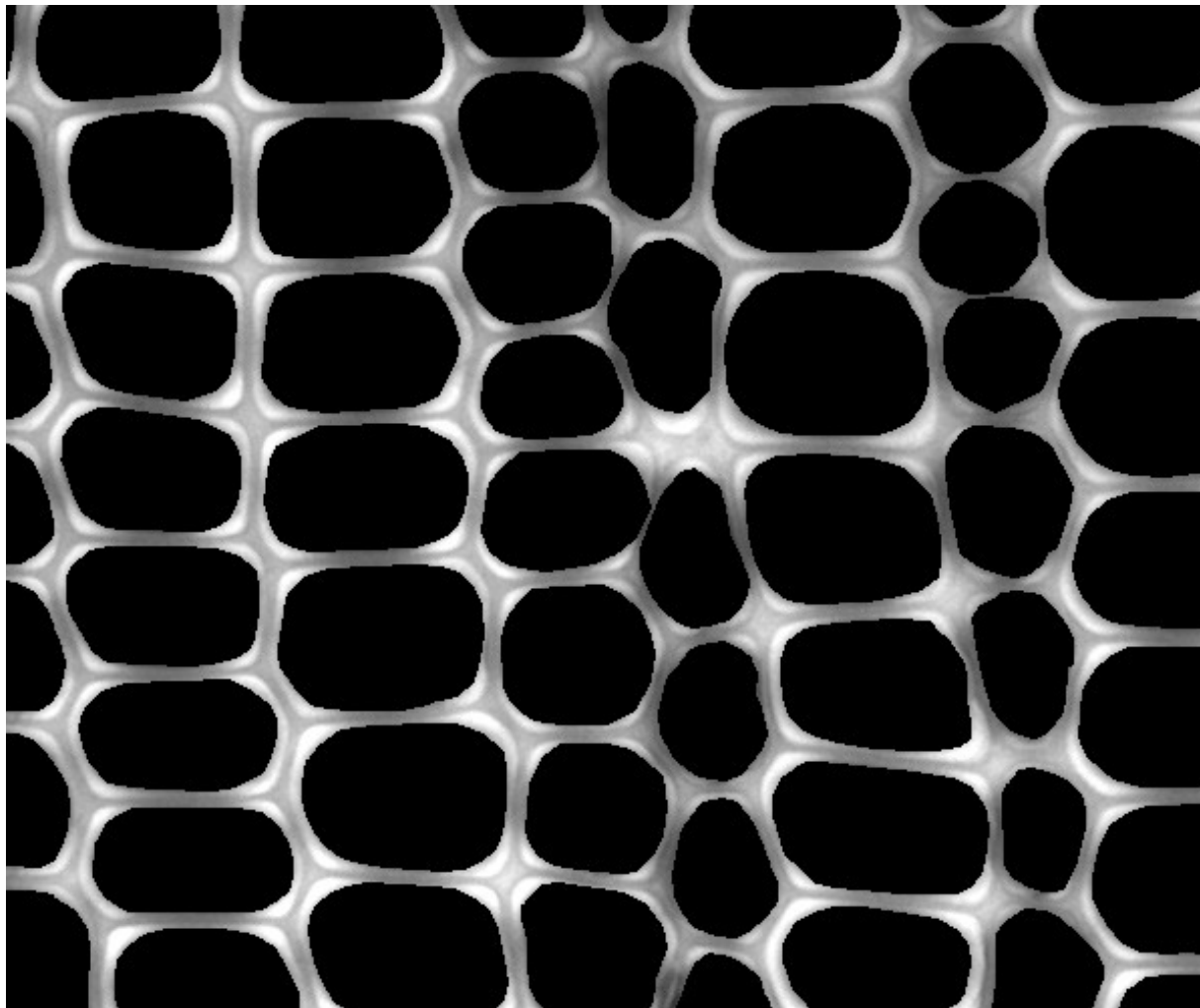
Gray value – distance to cell



k-nearest neighbors



Distance to mean of isNotCell



Original

