

Intro to Connectomics: SynChallenge
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For this project, I used the functions `Daisy` and `Structure_Tensor_Eigvals` to determine my features. With the `daisy` function, I adjusted the parameters so that the function would take 100 equidistant pixels per image and mark them with 150 daisy characteristics each. Daisy characteristics are simply considered to be notable features of images, though there were never any examples of these provided. Essentially, if you consider each daisy characteristic of each pixel as a feature, we'd get 15,000 features from this function. I also used the function `Structure_Tensor` & `Structure_Tensor_Eigvals` to compute the eigenvalues of the structure tensor matrix of each pixel in a given image. A structure tensor is a matrix that characterizes the weighted sum of square differences in a local window around a pixel.