

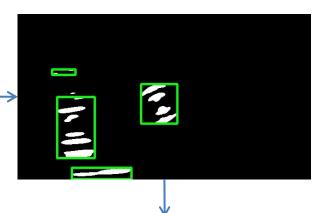
Gabor Filter

Step 1

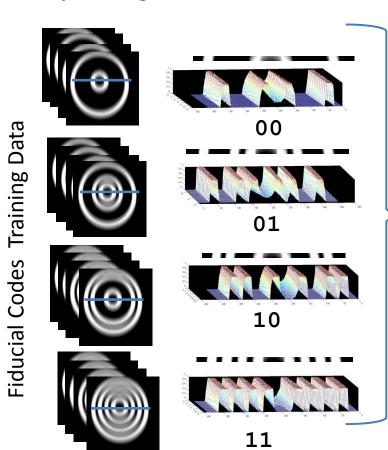


Clustering

Step 2



Input Image



Detected Intensity Profile

K-NN Classifier Step 4



PCA to determine dominate direction

Step 3

Final Output with Code ID