

1. Inspection Test

Based on the context provided, the task involves classifying images of the end of tip into three categories: "OK," "ARGUABLY OK," and "NO GO." An SVM classifier is being used due to the limited quantity of image data. To aid in classification, the VGG16 model is used to extract features from the images. Before extracting these features, the end of the tip is located using the HoughCircle technique.

