

Pre- and Postprocessing to Improve Segmentation

Segmentation can be improved in two ways: by preprocessing the image before binarizing and by postprocessing the binary image itself.

You've already done some preprocessing by converting each image to grayscale and adjusting the contrast. In the next few activities, you'll use three additional pre- and postprocessing techniques.

Noise Removal

Smooth pixel intensity values to reduce the impact of variation on binarization.



Background Isolation and Subtraction

Isolate and remove the background of an image before binarizing.



Binary Morphology

Emphasize particular patterns or shapes in a binary image.

