

Enhancing text patterns

 matlabacademy.mathworks.com/R2021a/portal.html

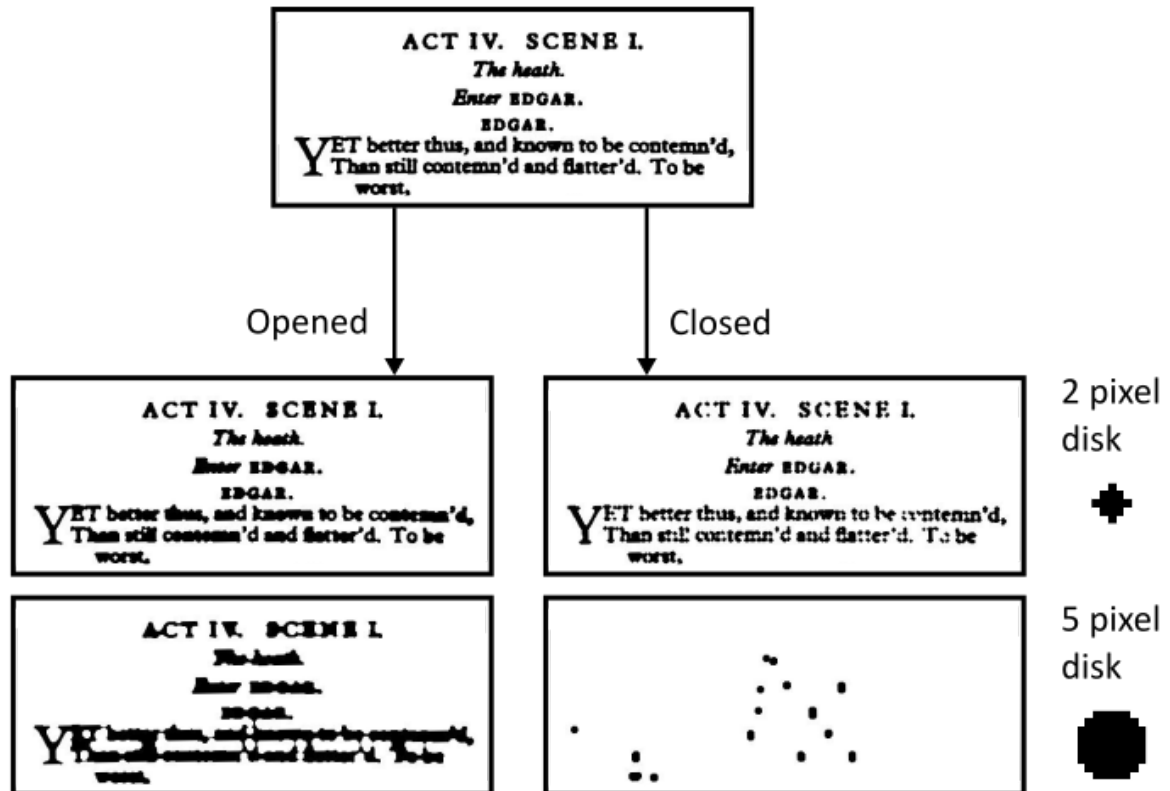
The process from the previous section doesn't remove the grid in the background of this receipt. The grid pattern is too thin to be included in the background generated by the closing operation.

Morphological operations are useful not only for removing features from an image but for augmenting features. You can use morphology to enhance the text in the binary image and improve the row sum signal.



Morphological opening expands the dark text regions, while closing diminishes them. Increasing the size of the structuring element increases these effects.

Original



2. Working with Images in MATLAB100%

3. Segmenting an Image100%

4. Pre- and Postprocessing Techniques85%

5. Classification and Batch Processing0%

4.1 Improving Segmentation100%

4.3 Background Subtraction100%