

Text image of size pixels

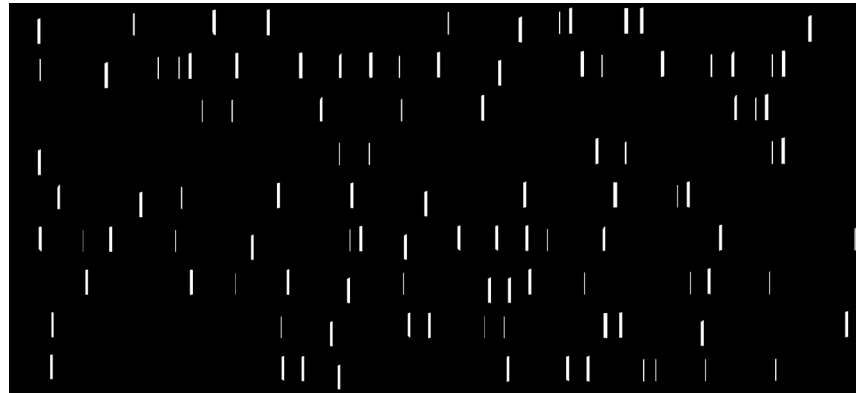
ponents or broken connection paths. There is no point past the level of detail required to identify those elements.

Segmentation of nontrivial images is one of the most difficult problems in image processing. Segmentation accuracy determines the effectiveness of computerized analysis procedures. For this reason, considerable effort can be taken to improve the probability of rugged segmentation. In applications such as industrial inspection applications, at least some improvement in the environment is possible at times. The experienced image processing designer invariably pays considerable attention to such factors.

Erosion of (a) with a structuring element of size 51*1 pixels



Opening of (a) with the same structuring element, shown for reference



Result of opening by reconstruction

