Histogram Equalization

What is Histogram Equalization?

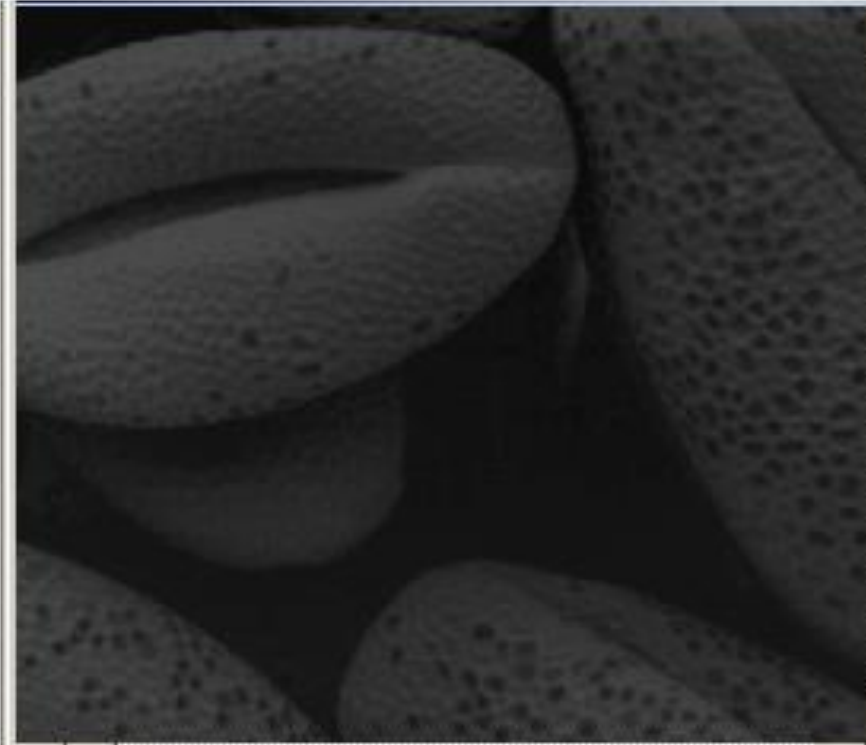❑ Histogram equalization is an approach to enhance a given image

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What is Histogram Equalization?

❑ Histogram equalization is an approach to enhance a given image

❑ The approach is to design a transformation *T(.)* such that

❑ The grey values in the output image are uniformly distributed in image value range
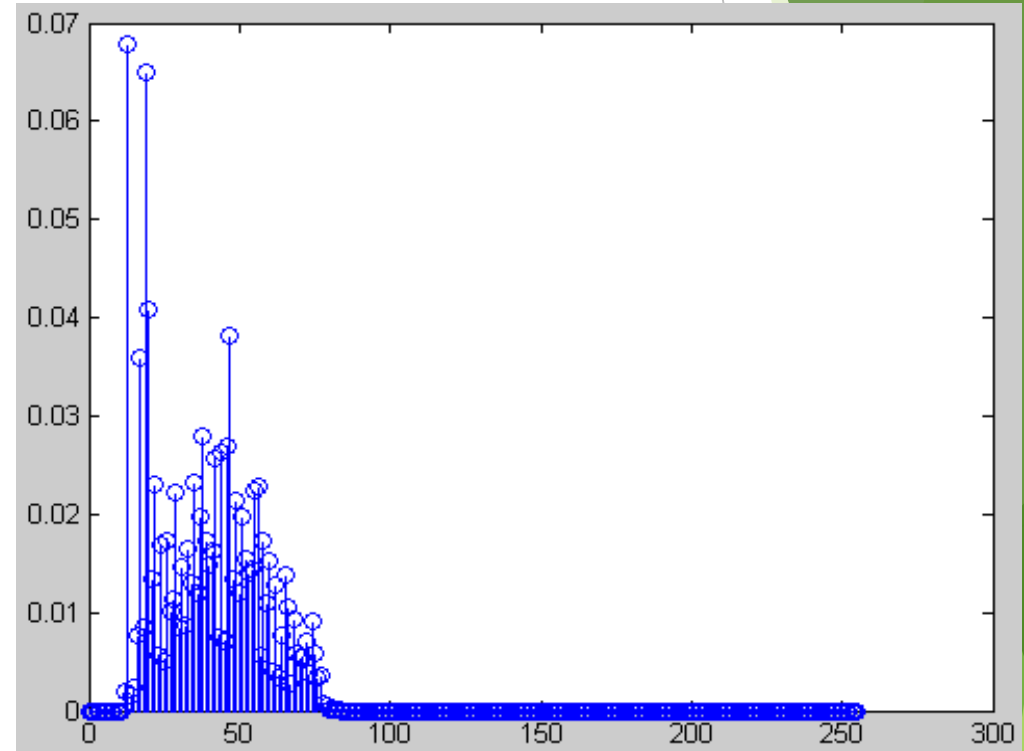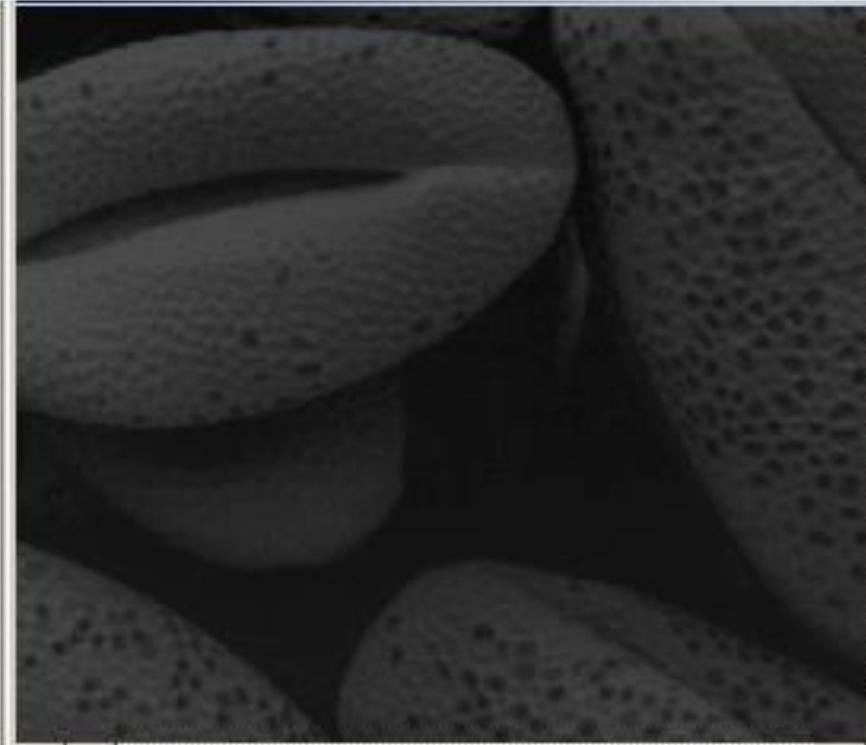
Example

Original image and its histogram

Example

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Original image and its histogram
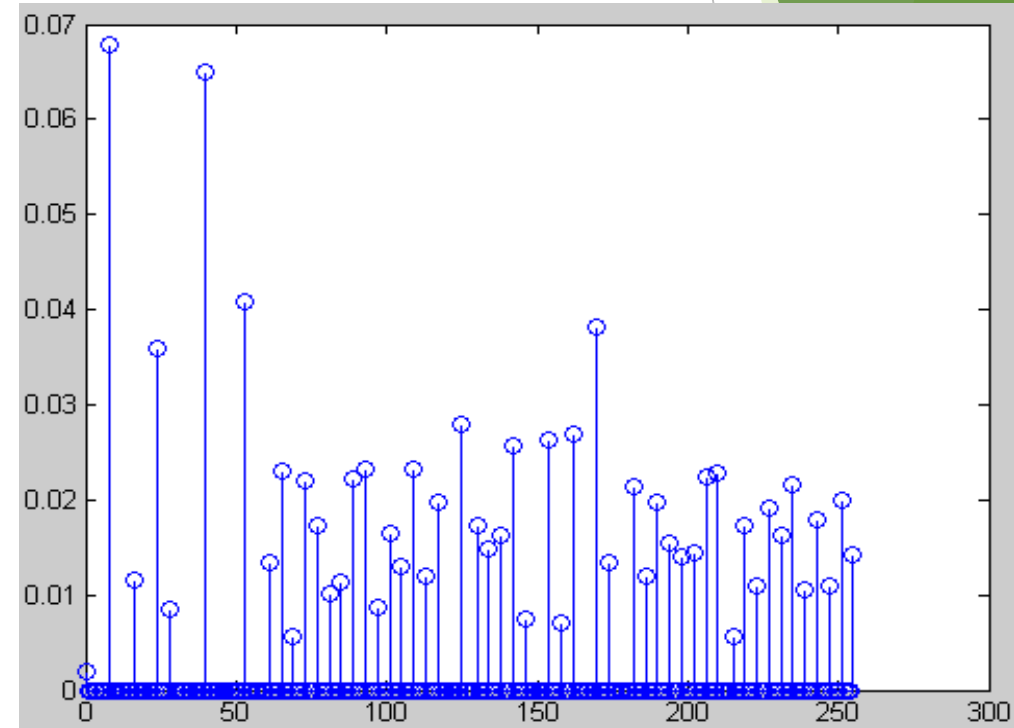
Example

Histogram equalized image and its histogram
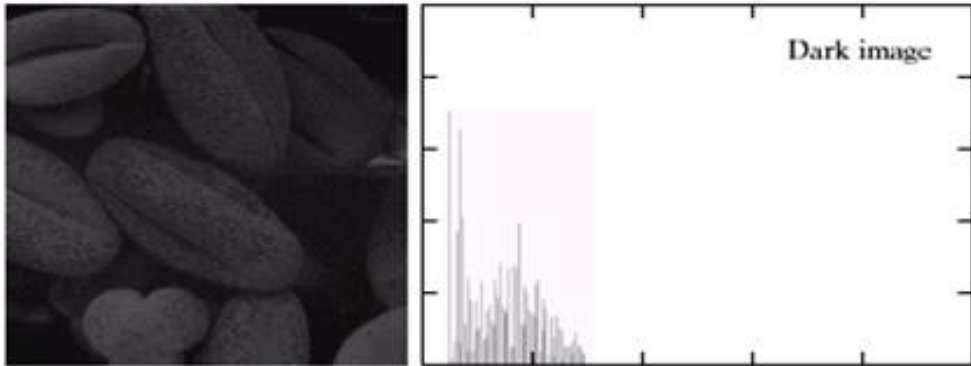
Example

Histogram equalized image and its histogram

Example
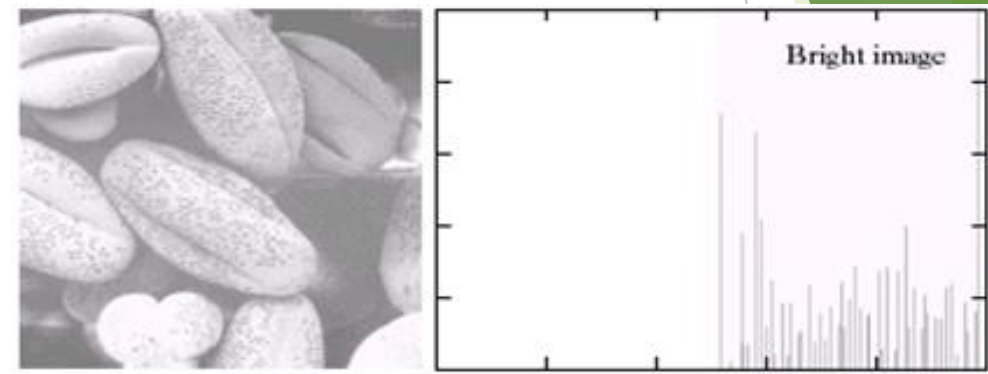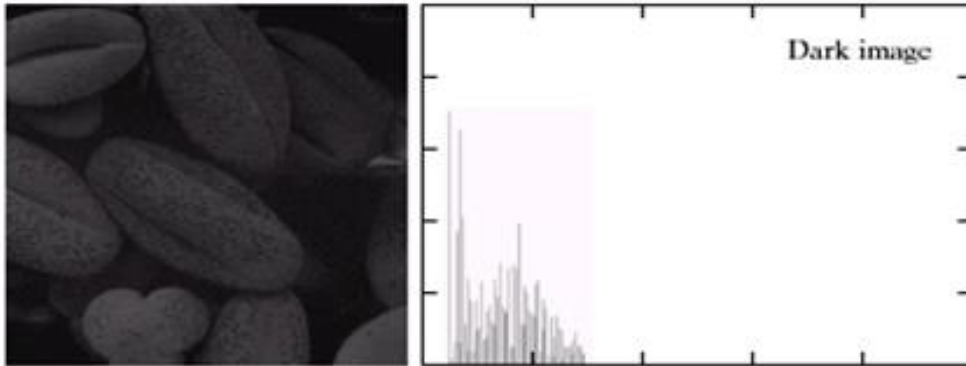
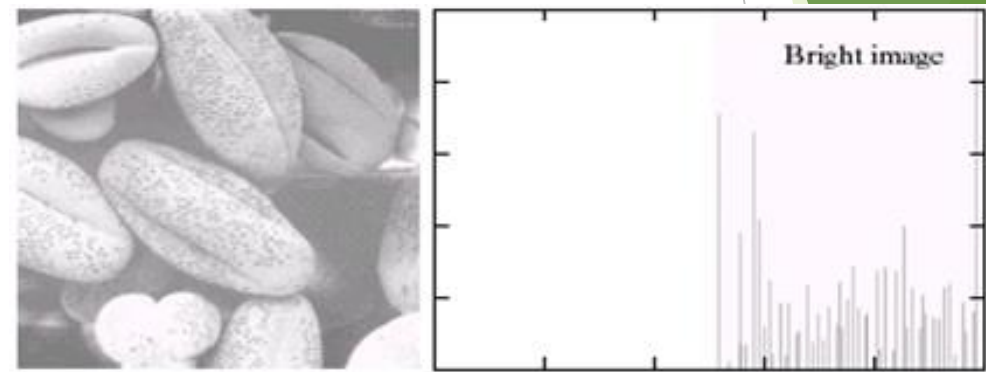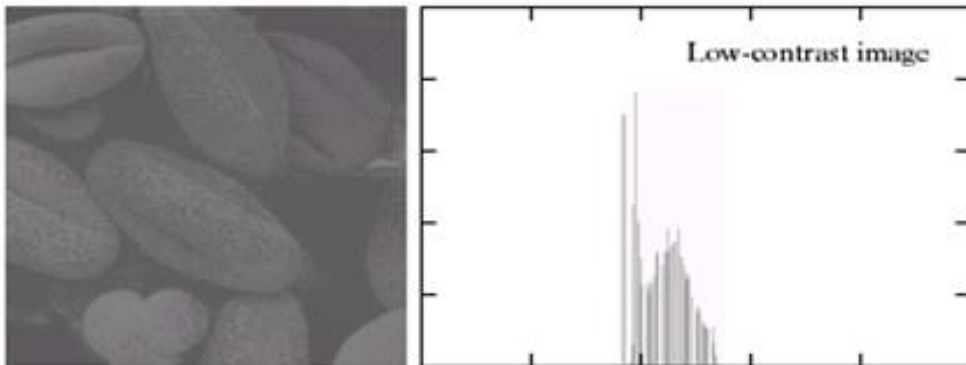

Histogram equalized image and its histogram

Better Example

Better Example

Dark image

Better Example

Dark image

Bright image

Better Example

Better Example