**Histogram Specification**

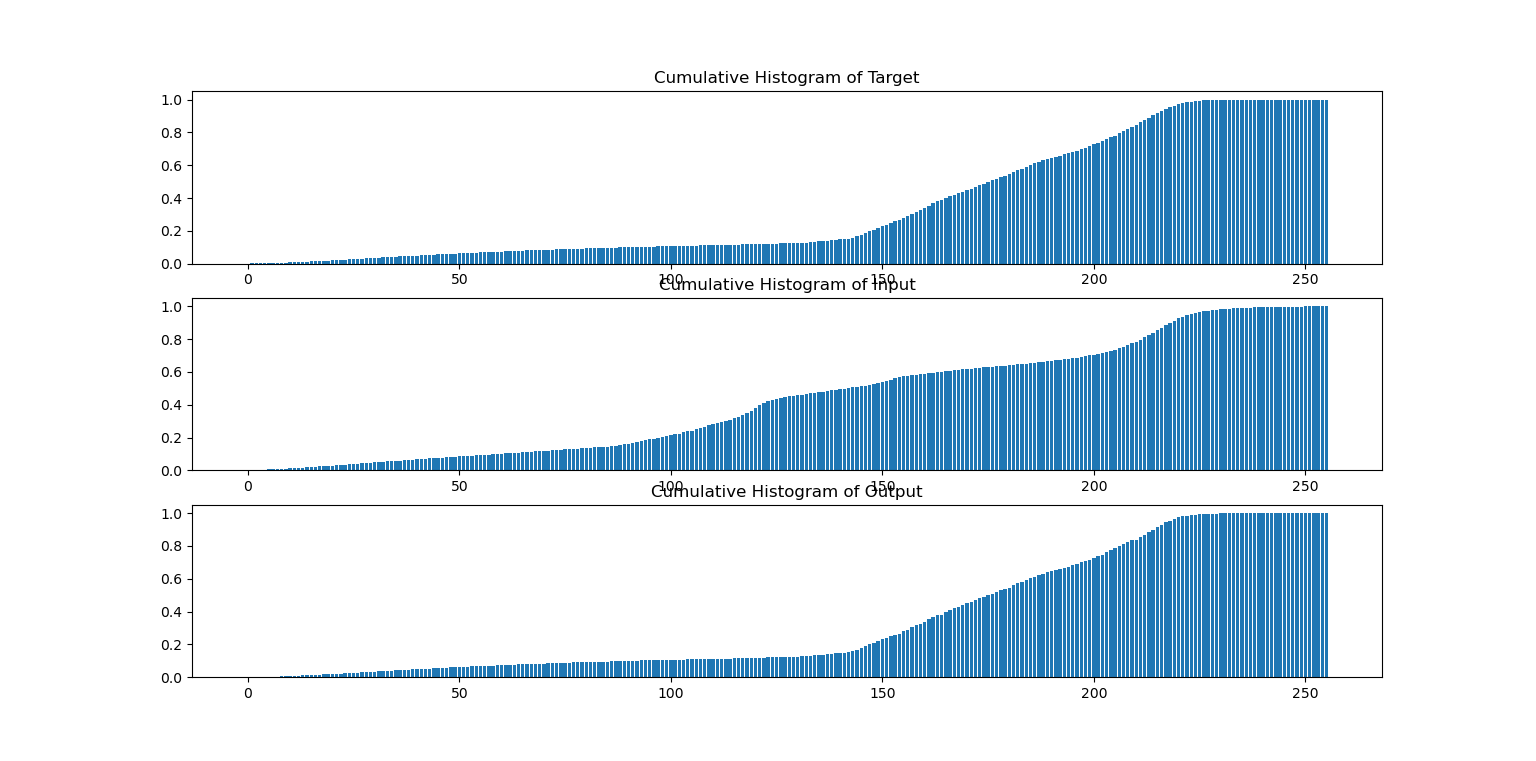


**Fig. 1** Target Image

**Fig. 2** Input Image

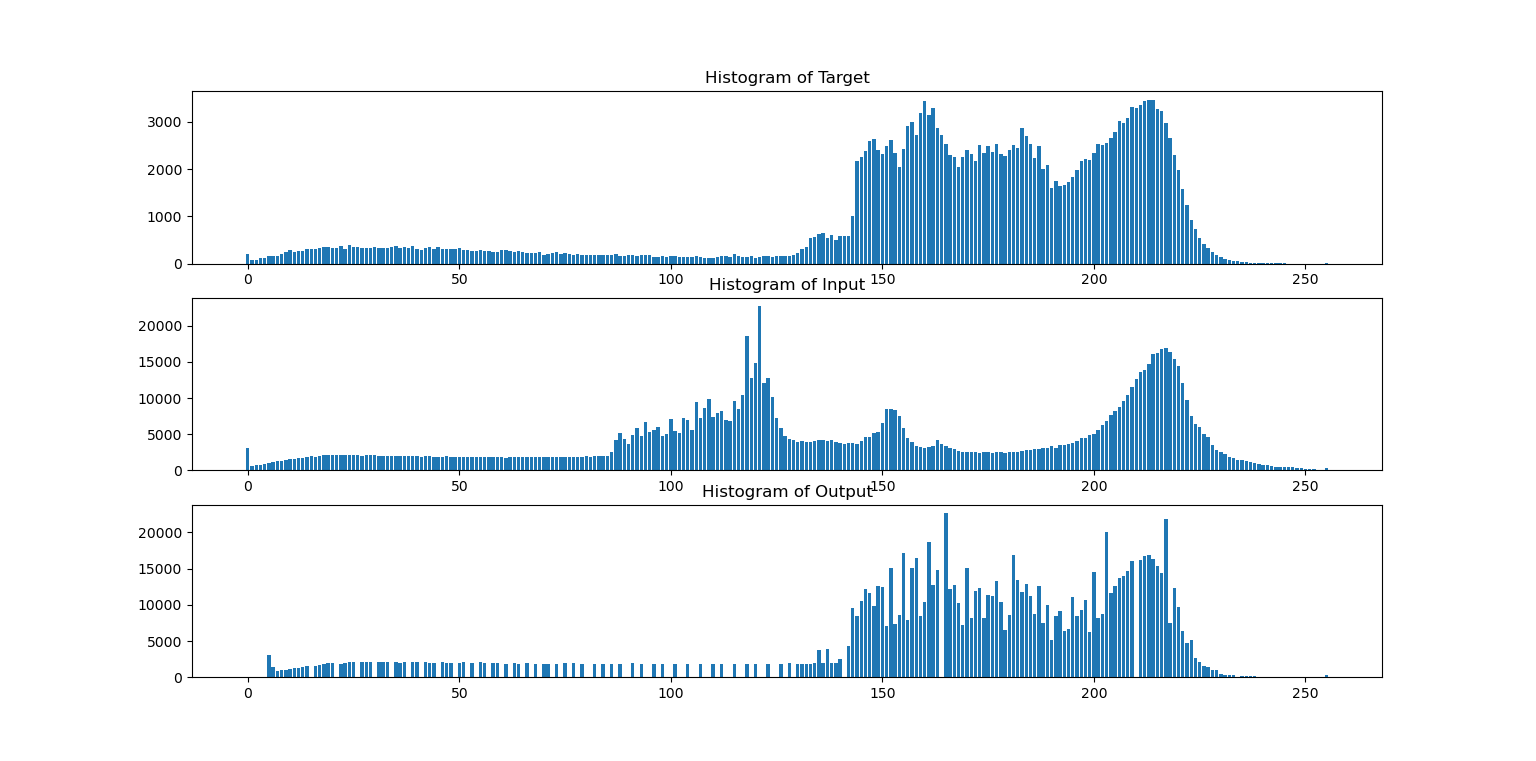
**Fig. 3** Output Image

**Fig. 1** Target Image



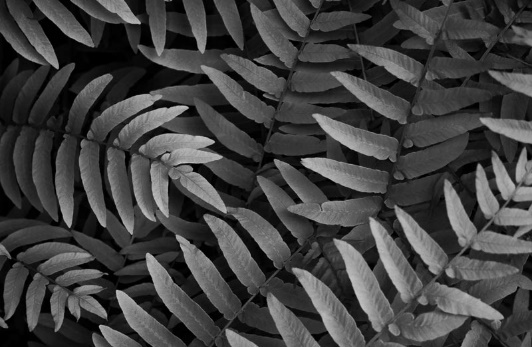
**Fig. 4** Cumulative Histogram of three images

**Fig. 5** Histogram of three images



Spike

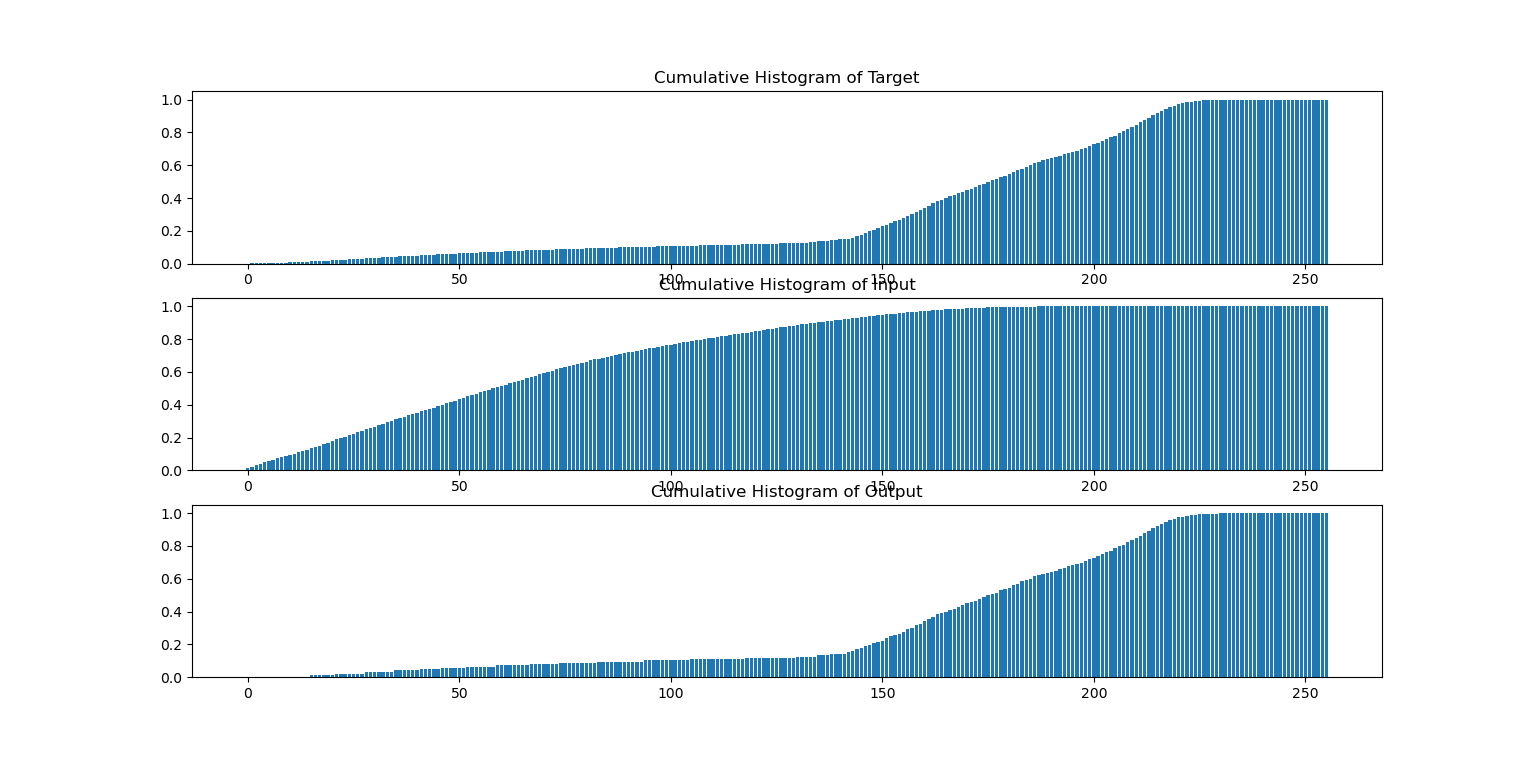
Gap



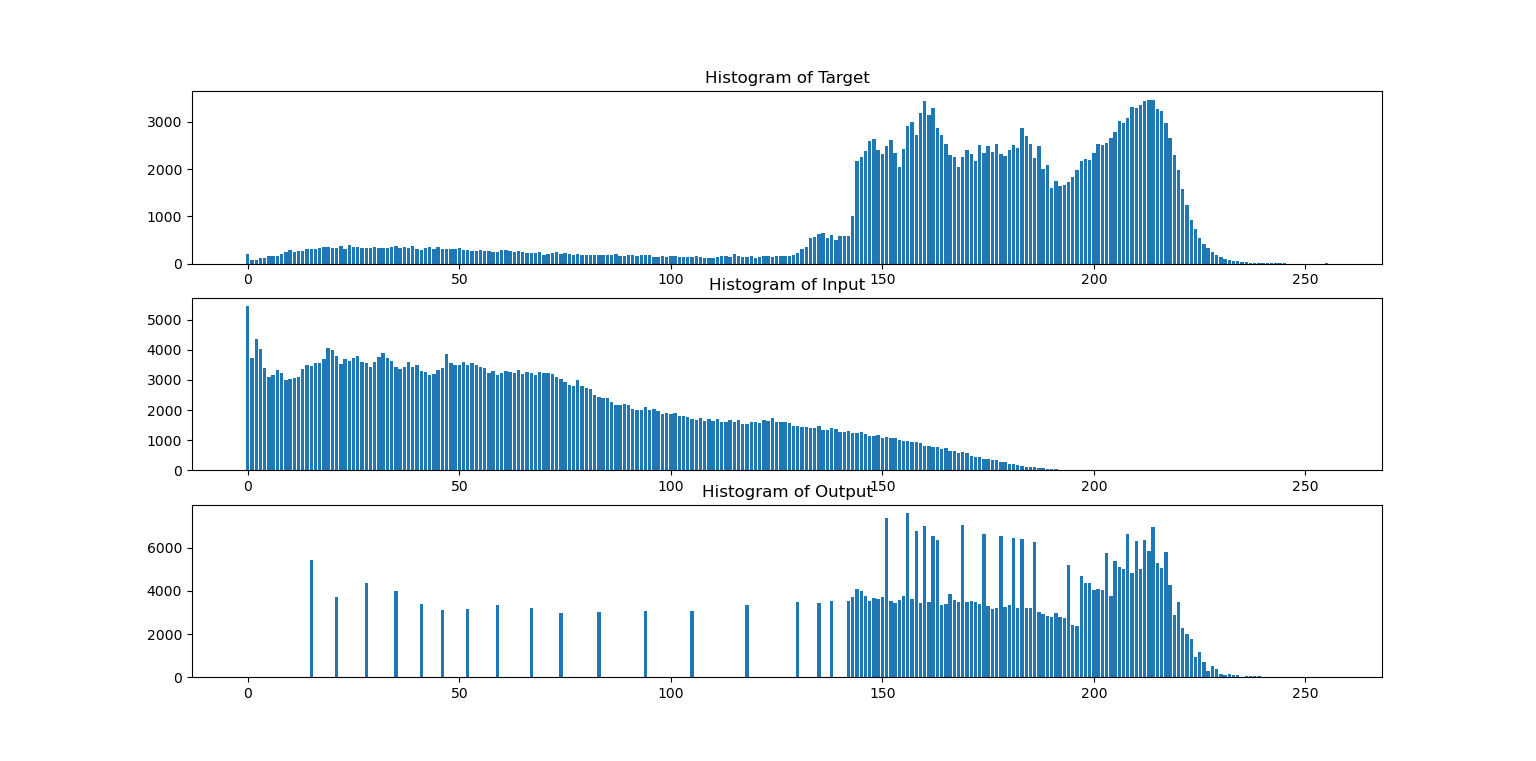
**Fig. 6** Target Image

**Fig. 7** Input Image

**Fig. 8** Output Image



**Fig. 9** Cumulative Histogram of three images



Spike

Gap

**Fig. 10** Histogram of three images

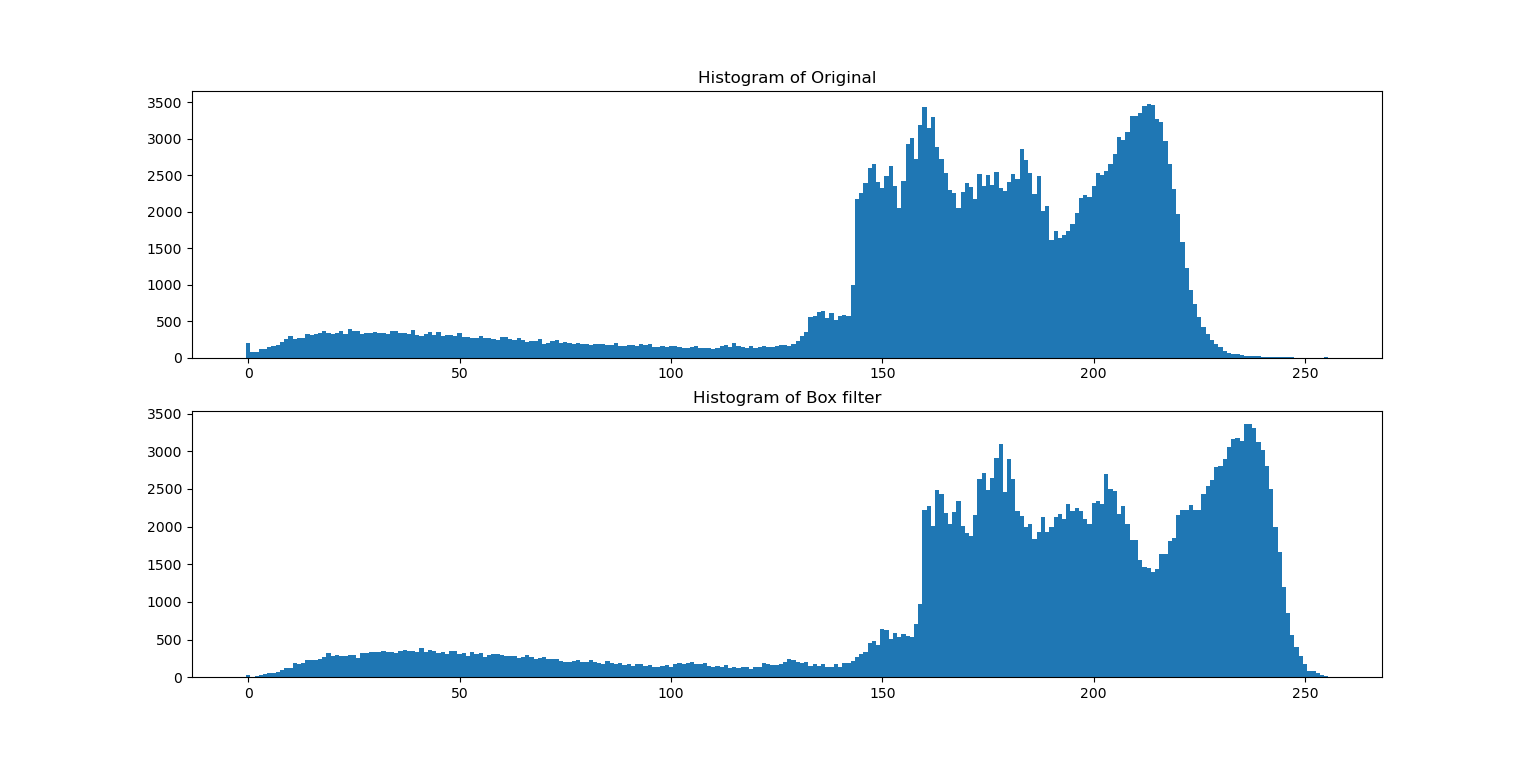
**Filter**

* **Box**



**Fig.11** Original Image

**Fig. 12** Filter Image



**Fig. 13** Histogram of original image and filter image

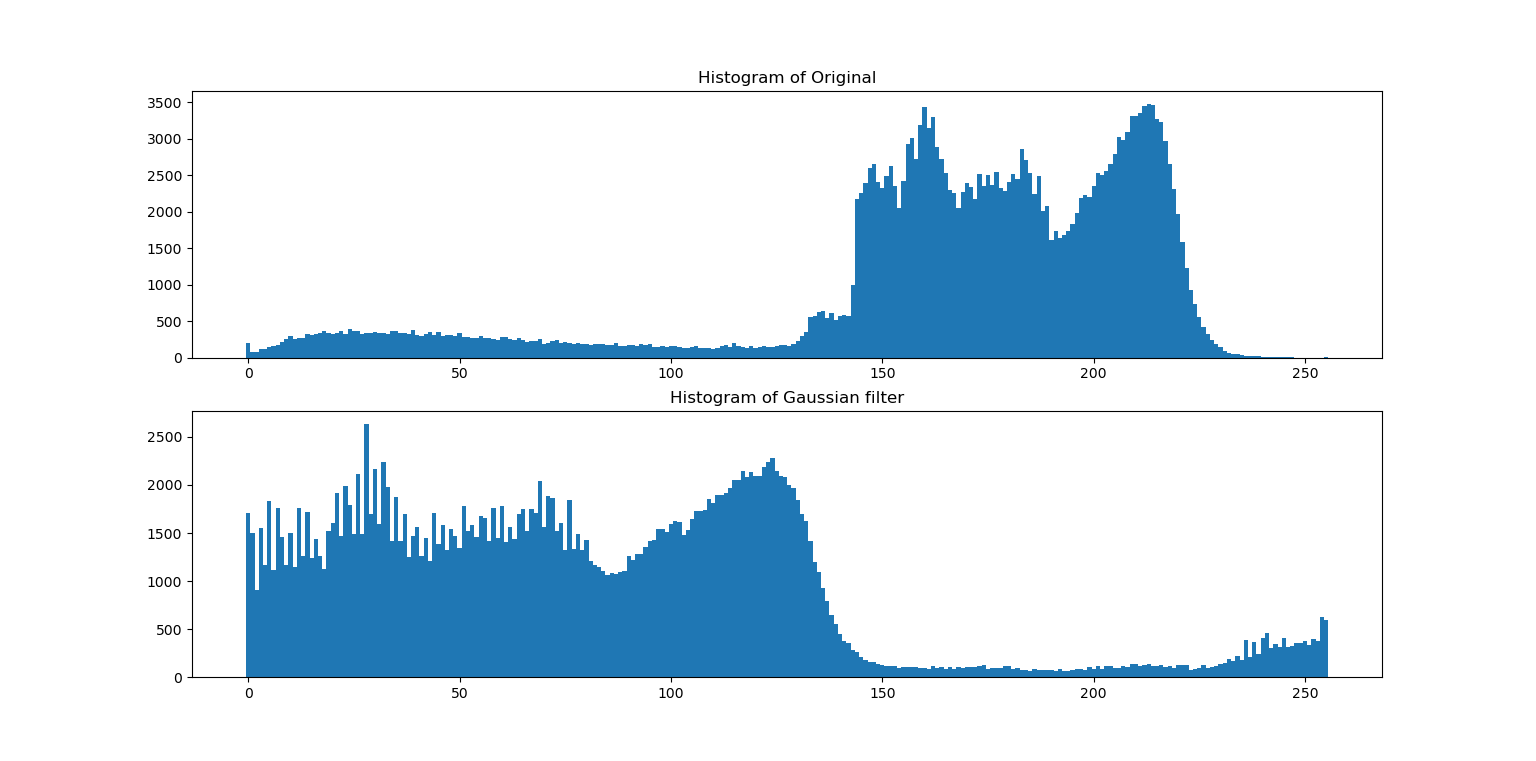
I chose Box coefficient matrix =

* **Gaussian**



**Fig.14** Original Image

**Fig. 15** Filter Image



**Fig. 16** Histogram of original image and filter image

Spike

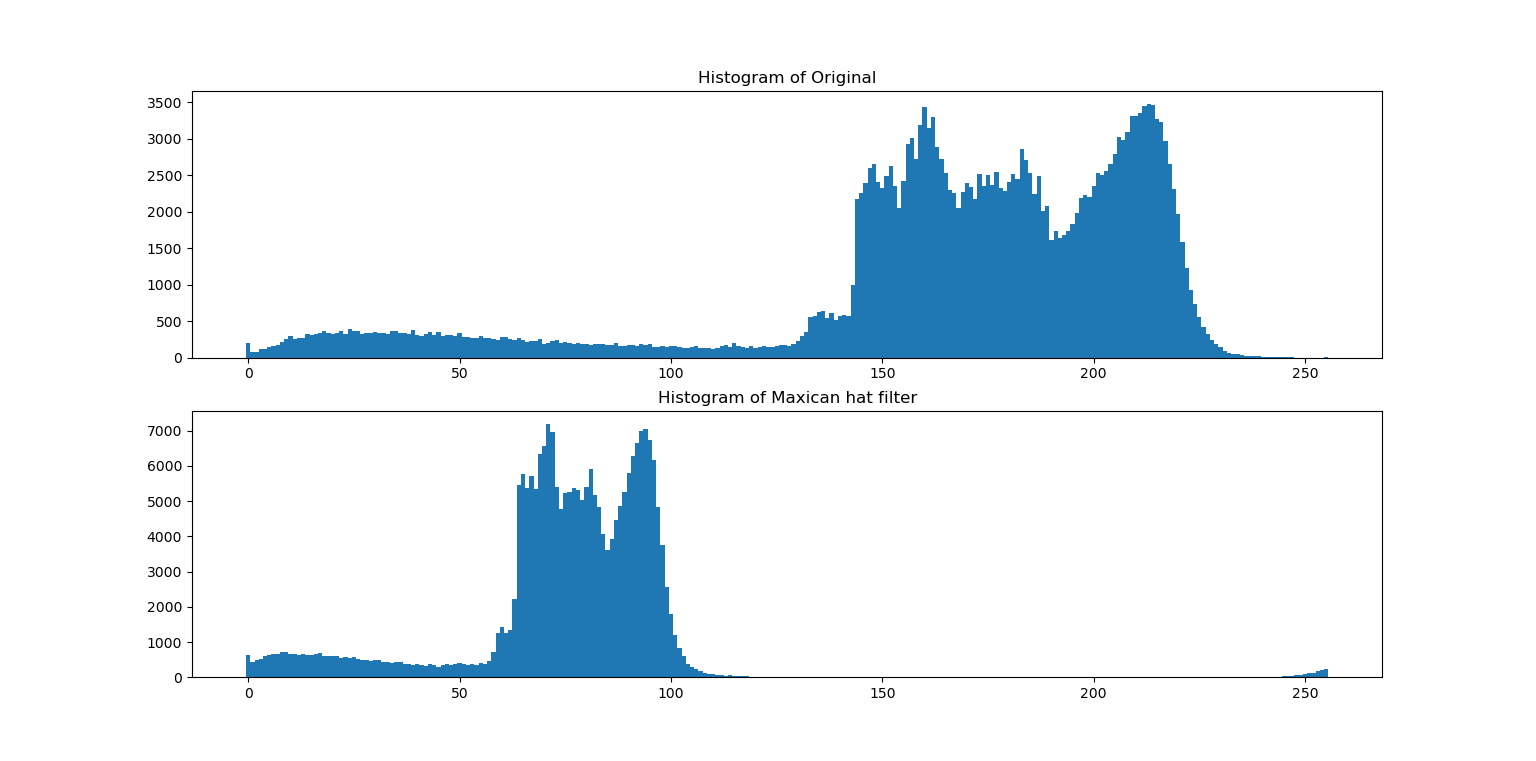
I chose Gaussian coefficient matrix =

* **Maxican hat**



**Fig.17** Original Image

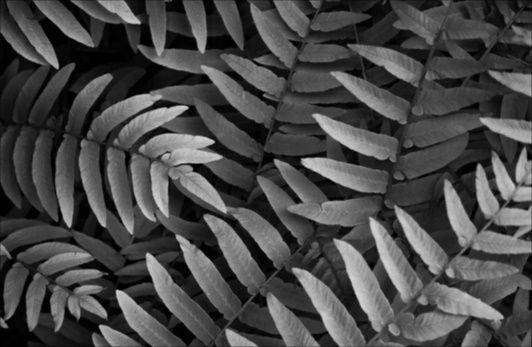
**Fig. 18** Filter Image



**Fig. 19** Histogram of original image and filter image

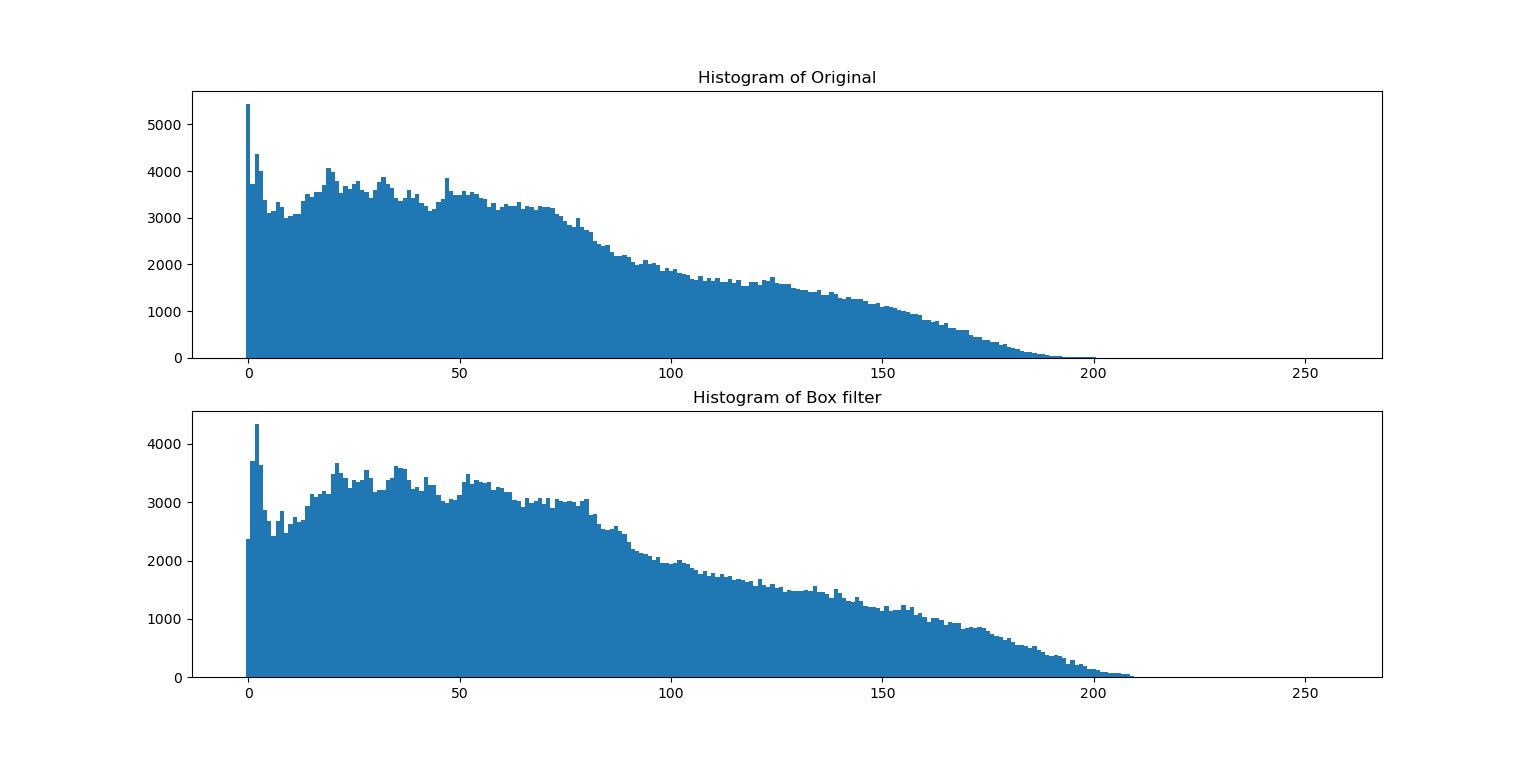
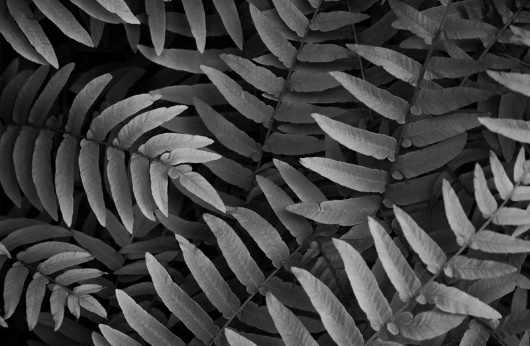
I chose Maxican hat coefficient matrix =

* **Box**



**Fig.20** Original Image

**Fig. 21** Filter Image



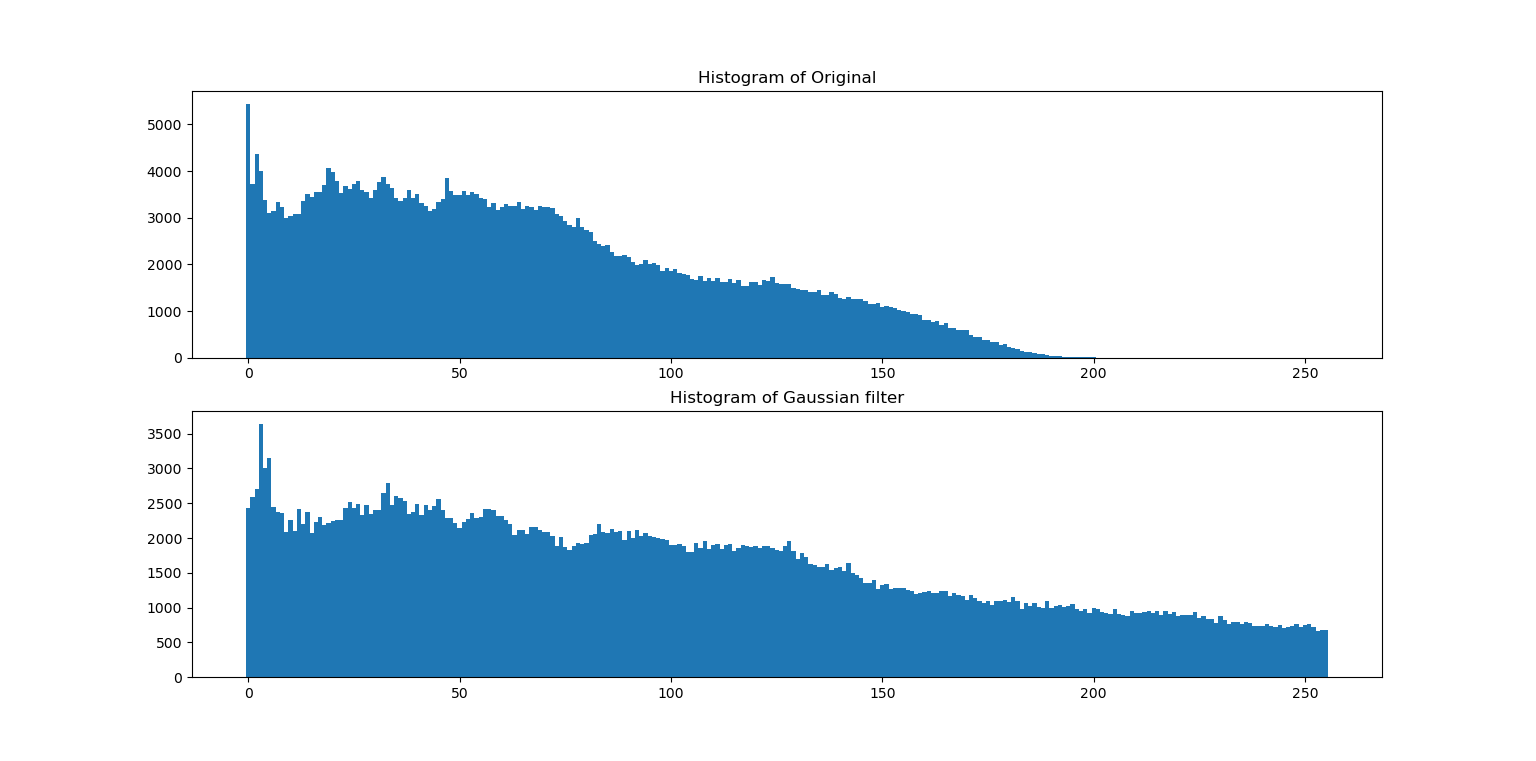
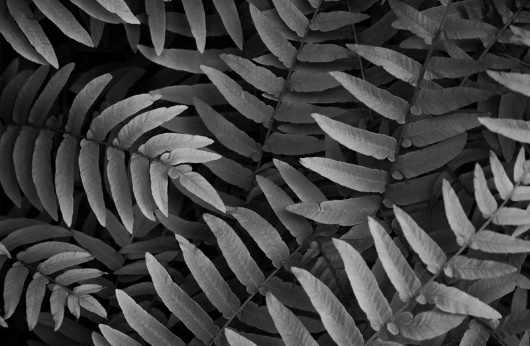
**Fig. 22** Histogram of original image and filter image

I chose Box coefficient matrix =

* **Gaussian**

**Fig.23** Original Image

**Fig. 24** Filter Image



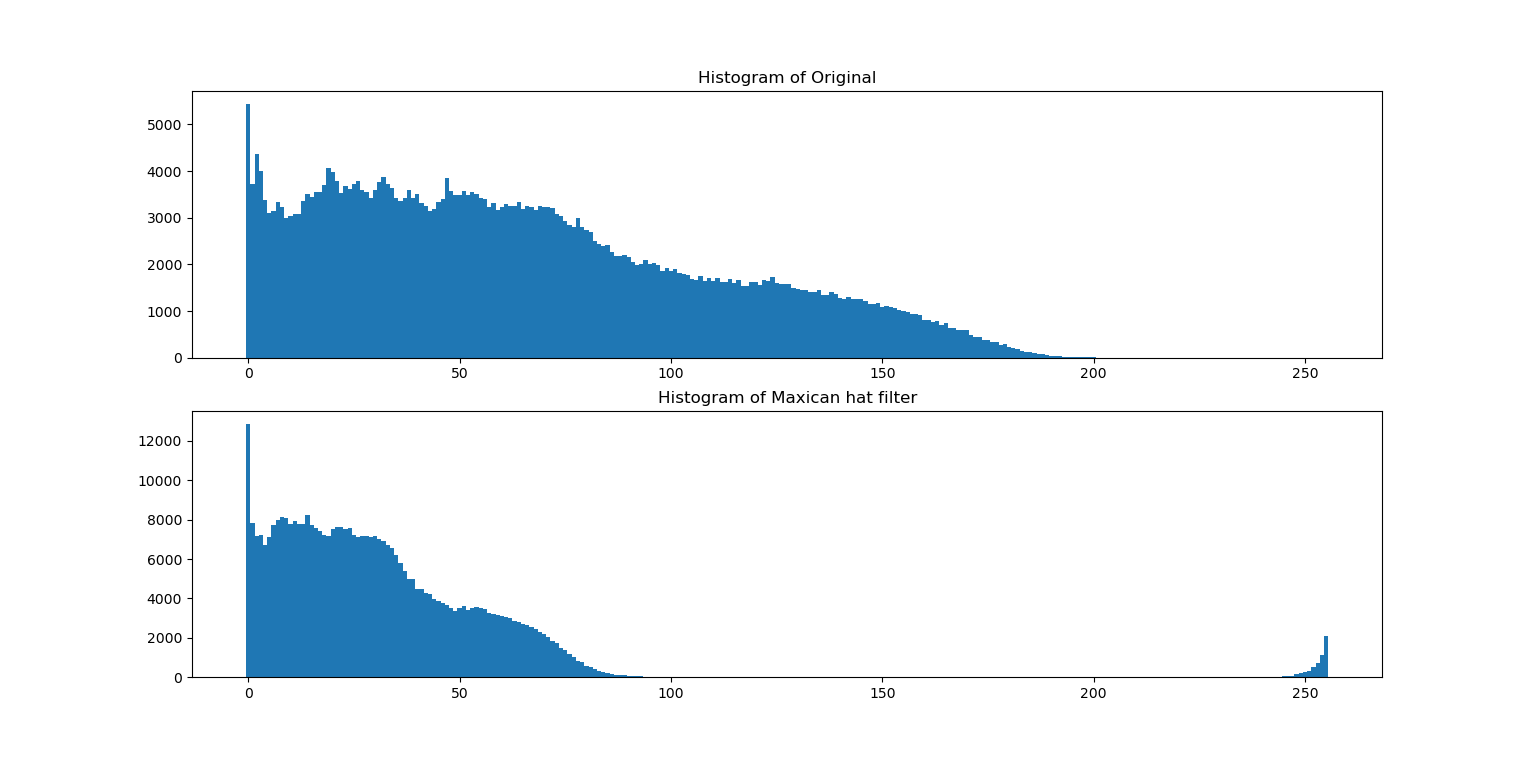
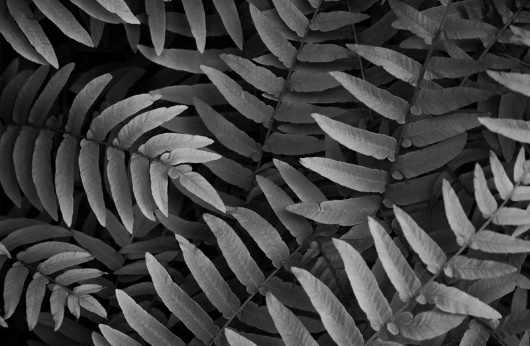
**Fig. 25** Histogram of original image and filter image

I chose Gaussian coefficient matrix =

* **Maxican hat**

**Fig.26** Original Image

**Fig. 27** Filter Image



**Fig. 28** Histogram of original image and filter image

I chose Maxican hat coefficient matrix =