Spatial filtering for Smoothing (example)

```
import numpy as np
from google.colab.patches import cv2_imshow
import cv2
import matplotlib.pyplot as plt

img = cv2.imread('hubble_space.jpg',0)

mask = np.ones([7,7], np.float32)/49
blurred = cv2.filter2D(img, -1, mask)
cv2_imshow(blurred)
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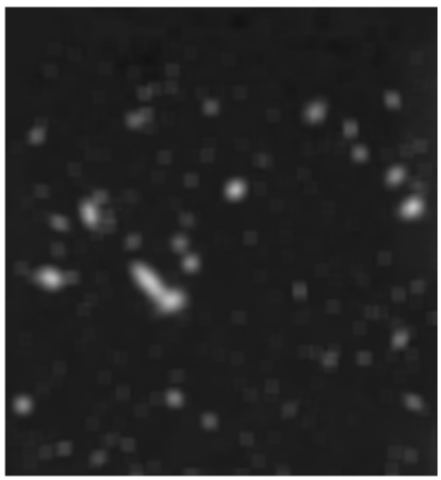
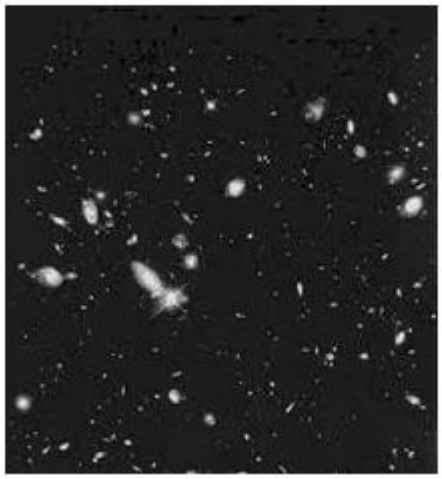
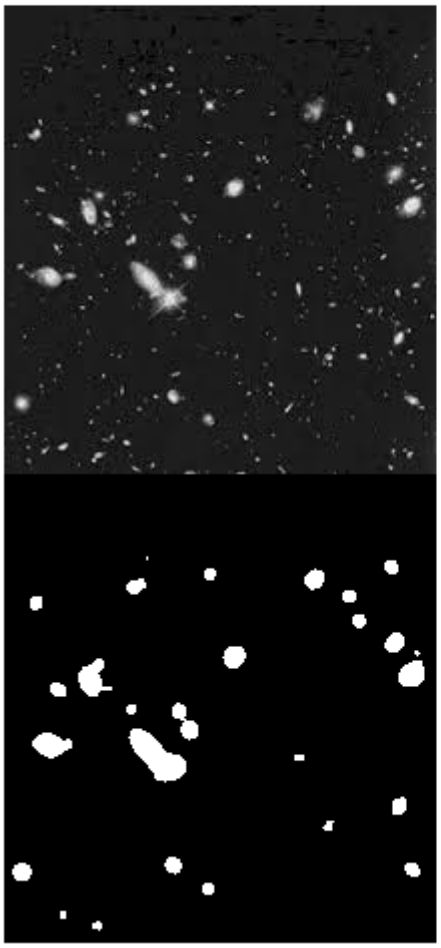


```
cv2_imshow(img)
```



```
retval, threshold = cv2.threshold(blurred, 62, 255, cv2.THRESH_BINARY)
cv2_imshow(img)
cv2_imshow(threshold)
```