import cv2  
from matplotlib import pyplot as plt  
img = cv2.imread('coins.jpg', cv2.IMREAD\_GRAYSCALE)  
median\_filtered = cv2.medianBlur(img, 5)   
plt.figure(figsize=(10, 5))  
plt.subplot(1, 2, 1)  
plt.imshow(img, cmap='gray')  
plt.title('Original Image')  
plt.xticks([]), plt.yticks([])  
plt.subplot(1, 2, 2)  
plt.imshow(median\_filtered, cmap='gray')  
plt.title('Median Filtered Image')  
plt.xticks([]), plt.yticks([])  
plt.tight\_layout()  
plt.show()