

Training Workshop on Machine Vision (Image Processing Fundamentals)

Activity 8 – Sharpen image using unsharp masking

Learning outcome: Learn how to sharpen an image using unsharp masking.

Task: Figure below shows an image of a coin captured using an out-of-focus camera lens. Write OpenCV-Python codes to sharpen the image using unsharp masking. Try using 3×3 and 5×5 average (low-pass) filter. What is the effect of using different filter size on the output image?

