

Foundations of Computer Vision

Homework 1

Instructor: Yu Kong

Due Date: 5pm Jan 30

Submission: Upload to MyCourses

Using this image (original attached)



1. Color Space (50/100)

Please convert the color space of this given image from RGB to CIE XYZ using Matlab/Python, and plot your result.

2. Color histogram (50/100)

Please compute the color histogram of this given image using Matlab/Python, and plot your result.