CSE428: Image Processing

Theory References & Practice Problems

[All lecture references are from Digital Image Processing 3e, Gonzalez & Woods]

Lecture 2

<u>Reference:</u> Section - 2.1 (2.1.1, 2.1.2, 2.1.3), 2.3 (2.3.3), 2.4 (2.4.1, 2.4.2)
<u>Exercise (Chapter-2):</u> 2.2, 2.5, 2.8

Lecture 3

<u>Reference:</u> Section - 3.2 (3.2.1, 3.2.2, 3.2.3, 3.2.4 [Contrast Stretching])
<u>Exercise (Chapter-3):</u> 3.1, 3.2, 3.3,

Lecture 4

<u>Reference:</u> Section - 3.3 ([Figure - 3.16], 3.3.1 [Example - 3.5, 3.6], 3.3.3)
<u>Exercise (Chapter-3):</u> 3.6, 3.7, 3.13, 3.14

Lecture 5

<u>Reference:</u> Section - 3.4 (3.4.1, 3.4.2), 3.5 (3.5.1, [Example - 3.13], 3.5.2), 3.6 (3.6.3), 2.6 (2.6.5 [from page 87 to 89 (Example 2.9)])
<u>Exercise (Chapter-3):</u> 3.19, 3.21, 3.27

Lecture 6

<u>Reference:</u> Section - 3.6 (3.6.1, 3.6.2)
<u>Exercise (Chapter-3):</u> 3.23, 3.25, 3.26