**LAB 6 Gray Level Image Processing II**

**Objectives:**

1. To get familiar with basic functions for image enhancement
2. To get familiar with the histogram equalization
3. **Contrast stretching** 
   * **imadjust:** Adjust image intensity values

**Practice: Develop the program to test different contrast stretching results based on the following functions.**

**i).**

**ii).**

**iii).**

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**iv).**

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**v).**

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**vi).**

1. **Histogram equalization** 
   * **histeq:**

**I = imread('tire.tif');**

**J = histeq(I);**

**figure, imshow(I), figure, imshow(J);**

**figure, imhist(I), figure, imhist(J);**

**Practice: Develop the program to do the image equalization based on the algorithm II in lecture notes.**

**Exercise: Develop the program to do the image equalization based on the algorithm I in lecture notes.**