Homework 2

**3.1** Give a single intensity transformation function for spreading the intensities of an image so the lowest intensity is 0 and the highest is *L* −1.

**3.5** In general:

**(a) \*** What effect would setting to zero the lower- order bit planes have on the histogram of an image?

**(b)** What would be the effect on the histogram if we set to zero the higher-order bit planes instead?