Quiz I – CS A
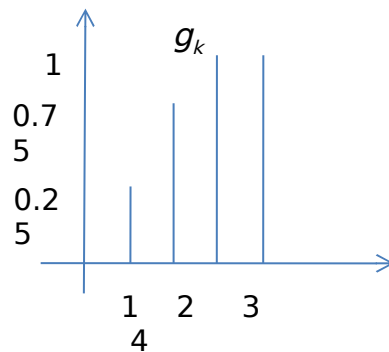
EE402 Digital Image Processing

Instructions: There is only 1 problem in this exam. You can use your notes and books in this exam.

Problem 1: A given image f has been equalized to produce G. Given below are g_k and G(image) after equalization:

$$G(image) = \begin{bmatrix} 0.25 & 0.75 \\ 0.75 & 1 \end{bmatrix},$$

(a): From g_k, produce the pdf and histogram of f.

(b): Draw the original image f