CS 663 - Fundamentals of Digital Image Processing
Assignment 4

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1 ORL Database
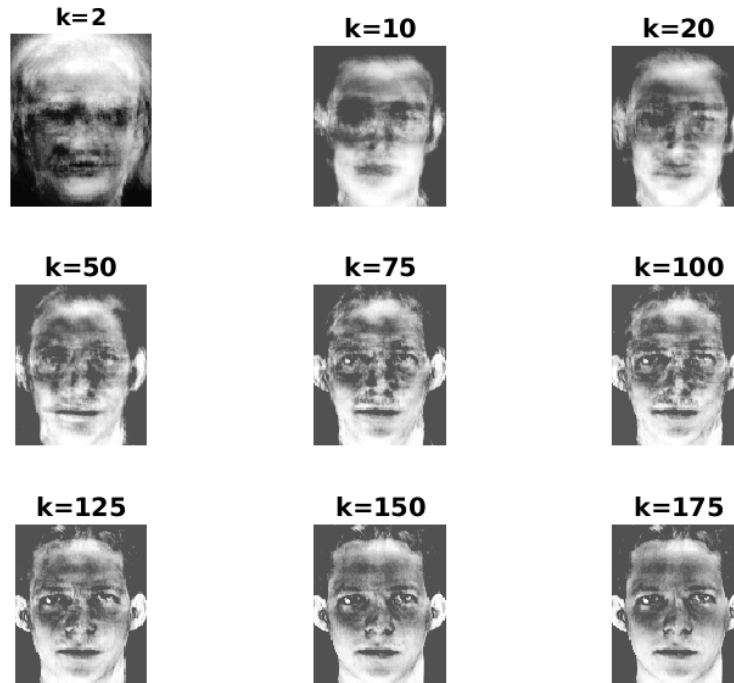
1.1 Reconstruction of a face image

Figure 1: Reconstruction with different numbers of eigencoefficients

1.2 Eigenfaces

Figure 2: 25 eigenvectors (eigenfaces) corresponding to the 25 largest eigenvalues