

Feedback for EEE6082 Session: 2013-2014

Feedback: Please write simple statements about how well students addressed the exam paper in general and each individual question in particular including common problems/mistakes and areas of concern in the boxes provided below. Increase row height if necessary.

General Comments:

All the students have picked Q1 and Q4, with the 3rd choice being either Q2 or Q3. Most students have done pretty well for Q1 and Q4, which are related to the quizzes during the lectures. Q 2 and Q3 were much more challenging for most students, because they are new.

Question 1:

Most students have got high marks for Q1. Only a few students made mistakes when calculating the feature-space saliency and the inter-scale saliency. A small number of students failed to get the repeatability rate right.

Question 2:

Q2 appears to be difficult for many students. Several students failed to describe the Bayer pattern well and why colours are unequally sampled. Only a few students managed to get correct answers for the coordinates in Q2(c).

Question 3:

Q3 is also a hard question for many students. Though most students were able to describe the general structure of K-means clustering, they failed to give solutions of finding the best K and mitigating the problem that the K-means algorithm does not usually return globally optimal clusters.

Question 4:

Students have generally done well for Q4. Only a few students failed to draw the HOG histogram correctly, mainly because that bin interpolation was applied.