

Feedback for EEE6082 Session: 2012-2013

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:

Most students have chosen Q1, Q2 and Q4, which were much better answered than Q3. Q3 was only chosen by 5 students and has the lowest average mark.

Question 1:

Only few students got the full mark for Part a, because many students didn't know a flattened histogram corresponds to a high entropy value.

Most students answered Part b correctly. Only a few students can describe the details of the salient region detector in Part c.

Several students failed to calculate the repeatability rate in Part d, mainly because the overlap errors were not calculated correctly.

Question 2:

Few students got the full mark for Parts b and c. In Part c, many students didn't apply interpolation between neighbouring bins when a particular orientation is not in the centre of a bin.

In Part d, a number of students failed to find the major difference between SIFT and HOG.

Question 3:

This appears to be the most difficult question. Most students got a partial mark for Part a, because they didn't specify the procedure for action recognition.

Several students failed to answer Part c correctly, which means they didn't fully understand the BoF model.

Question 4:

Many students confused face detection with some other vision tasks in Part a.

No student has answered Part c correctly, which means the Viola-Jones face detector has not been fully absorbed.