

Announcement for the Exercises in Computer Vision I SS12

In the following we give hints and advices for the Computer Vision I exercises in SS12.

- This year we have redesigned the exercises in such a way that you get confronted with the problems first and try to find a solution on your own. To make it easier for you, we decomposed the exercises in different steps with hints that will guide you to the solution. In this way you will get a deeper look of the possibilities and difficulties of Computer Vision while getting prepared for the exam. We will of course be there to assist you whenever necessary. We ask you to prepare for the exercises by trying to solve the questions in advance. For this reason we will put the exercise questions online one week before the actual exercise takes place!
- There is additional homework to do (mostly programming) - it gives you bonus credit points, programming experience and additional knowledge especially for applied computer vision. The programming will be in MATLAB. If you do not have MATLAB, you will have access to it on each computer in the Rechnerhalle (/usr/local/applic/bin/matlab). To get access to the computers in our lab (on which you also have access to MATLAB) send the personal data in the following format to Stefan Hinterstoisser (hinterst@in.tum.de) or Vasilis Belagiannis (belagian@in.tum.de): username (of the rechnerhalle), name, familyname, tum-email-address (that is the ...@in.tum.de email address - no mytum addresses!)
- Solutions to the exercises are provided on the website latest at the beginning of the next exercise session. However we recommend to participate in the exercises since it is a good possibility to train your mathematical and computer vision skills which you will need for the exams.
- For the homeworks you can obtain maximally 20 credits: for the first homeworks maximally 2 and for the later (more difficult) ones maximally 3 (it will be announced if we change the the point from 2 to 3).
- You can build groups of 3 persons at most for the homework. In order to check the homework we will announce special dates where you show us your results on either your own computer or on the computers in the CV-Lab.
- The dates where you have to show us your homework will be announced on the website (usually we wait 3-5 exercises until we check the corresponding homeworks). We recommend to do the homeworks in the week we announce them (otherwise the workload could be too big). You only obtain credit points for correctly running programs!

Your Computer Vision I Exercise Team