

The examination is split into two parts:

1) Oral examination of image processing.

Explain how an object is found in a RGB image.

2) Examination of the robot basic skill in measure and control.

The examination is conducted as: The robot has to by itself collect and deliver an object to the right place on the field. This has to be achieved within 2 min and is in the Malcus auditorium on the morning before the competition. Remark: The competition is not a part of the examination.

The project of 2005 is to design and program a robot which fetches a ball of a specific color and delivers it to the other side of the track. The track is split into two parts by a wall. The color of the ball to be delivered is announced shortly before the examination.