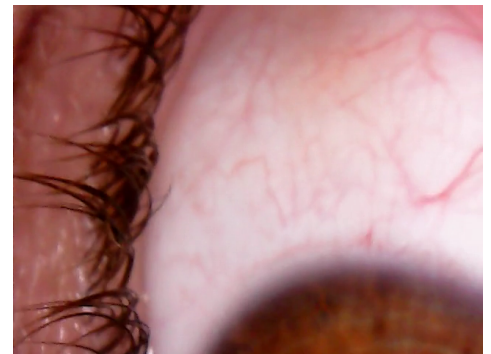




# Vein extraction and eye rotation determination

## Description:

Extracting the veins of a human eyeball from images. Based on the displacement of these veins the eye rotation has to be estimated.



## Task:

The first step is setting up an recording environment with fixed subject position. This environment is used for data acquisition with predefined head rotations of the subjects. Based on this data an algorithm has to be developed measuring the eyeball rotation of the subject. The resulting angle is then compared and validated based on the head rotation.

## Requirements:

Knowledge and interest in image processing.

## Supervisors:

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