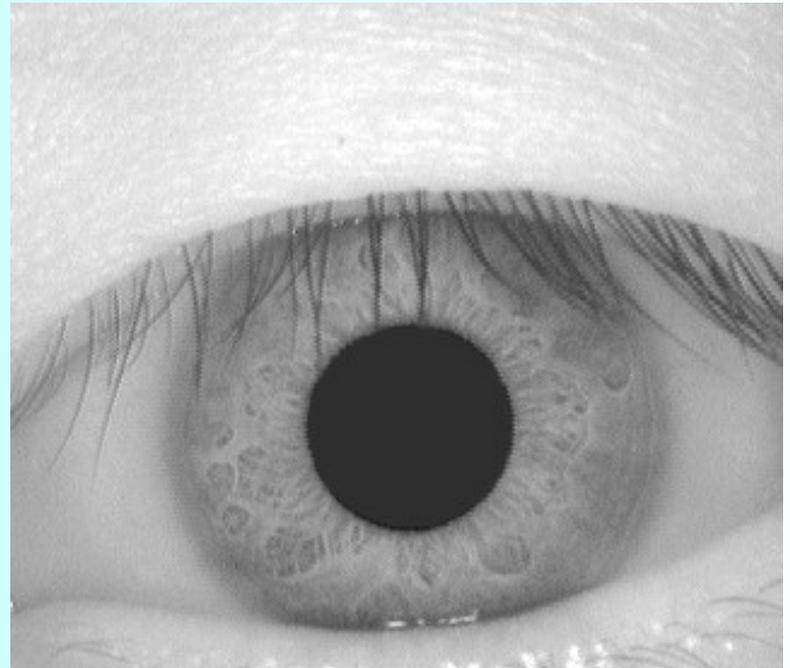
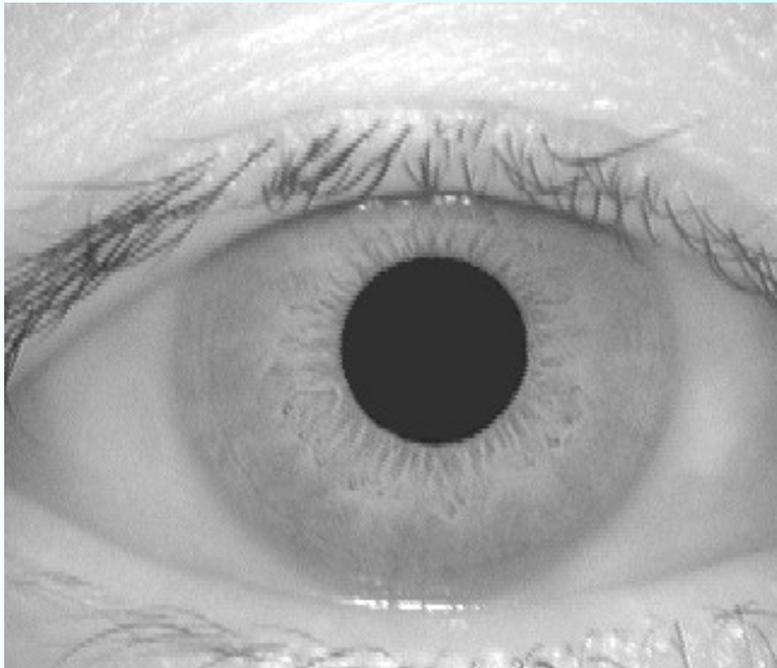


# Iris Recognition: Duncan Gillies room 306

The human iris is frequently cited as the best biometric feature for recognition.



# The CASIA Iris Image database

The database has 108 different subjects each with seven images

It has been made available by the National laboratory of Pattern Recognition in Beijing.

The data base is available for this project

# Tasks for the group project

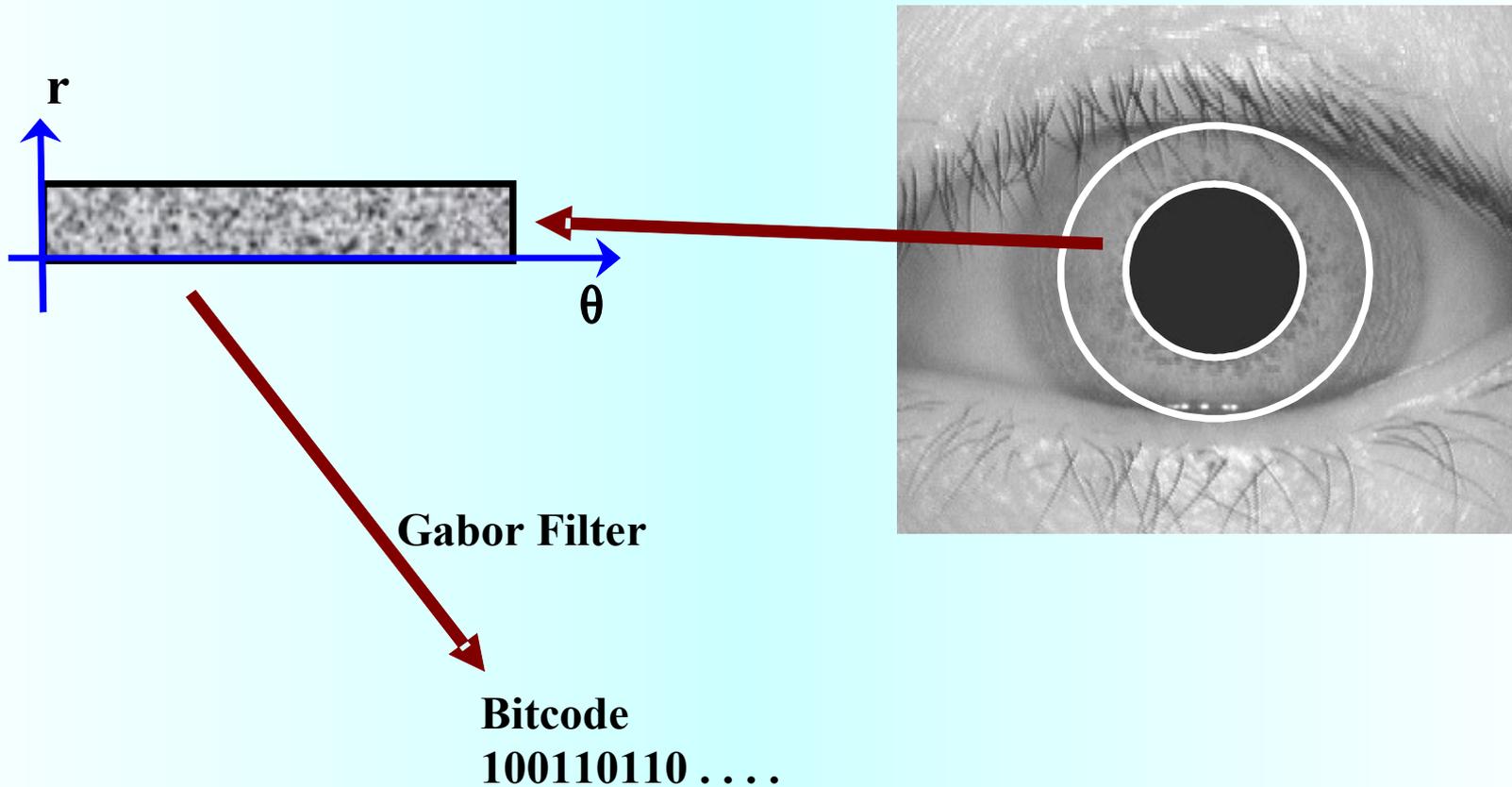
1. Write an application to read in the iris images and display them.

2. Write software to identify the circle of the pupil and the outline of eyelid.

(interactive or automatic identification)

# Tasks for the group project

3. Write software to calculate features from the iris.



# Tasks for the group project

4. Classify according to the best matching feature vector in the data base:

Iris being tested

{ 1001110001 ... }

**Data Base**

**(pre computed iris features)**

**Comparator**



{ 100101000 . . }

{ 100110100 . . }

{ 100011001 . . }

{ 100100010 . . }

# Extensions

Other features

Better classifiers

Removal of eyelashes/ specular highlights