Advanced Vision Assignment 1

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Abstract

Chapter 1

Marble Detection

Measured the average pixel size of each marble, which turned out to be 19x19 pixels.

1.1 HSV Thresholding

For each marble, after intensive analysis and experimentation, we assigned a certain hsv range which uniquely identifies the marble. The following are the ranges we assigned:

Chapter 2

Marble Tracking

Chapter 3

Evaluation