### Advanced Vision Assignment 1

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#### Chapter 1

#### Marble Detection

- 1.1 Algorithm
- 1.1.1 Object-oriented Approach
- 1.1.2 Background Subtraction
- 1.1.3 Post-processing
- 1.1.4 Marble Identification
- 1.2 Performance Analysis

Normalized vs non-normalized

- 1.2.1 Successful Detections
- 1.2.2 Unsuccessful Detections

### Chapter 2

# Marble Tracking

- 2.1 Algorithm
- 2.2 Performance Analysis

Normalized vs non-normalized

- 2.2.1 Successful Detections
- 2.2.2 Unsuccessful Detections

# Chapter 3

# Final Evaluation and Discussion