

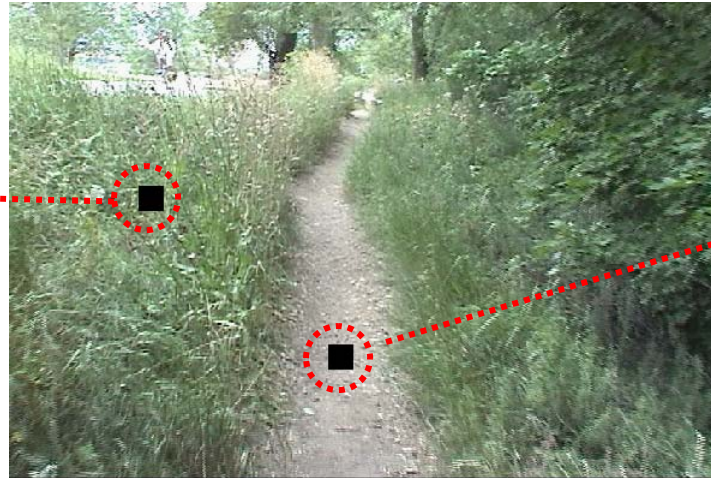
Introduction to Artificial Intelligence
CSCI 3202
Fall 2007

Project Part 1

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The Problem Domain for Test 1: Identifying (and Navigating) Paths

Image 1



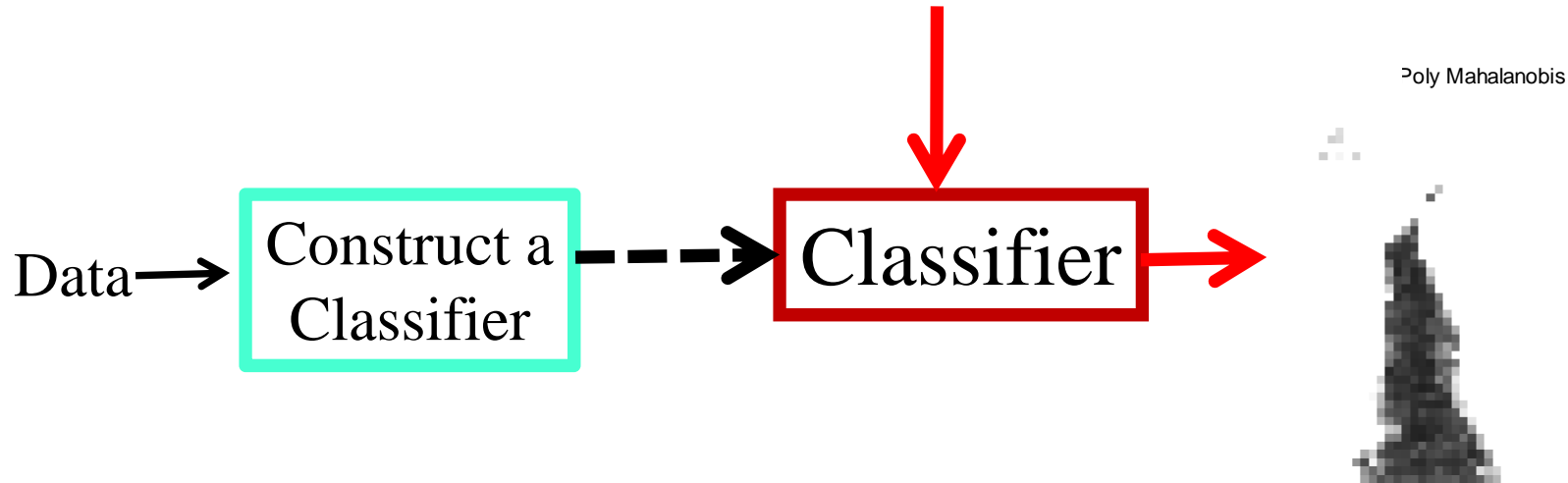
Data

Non-path



Data

Path



Project Test 1

- At the start of the test, you will be allowed to label a part of the image as path and non-path (tool provided).
- You will then have 15 minutes to build a classifier from RGB image to path/no path image.
- This classifier will be used to label images (as the robot navigates).
- The labeled images will be sent to a planner which will control the robot.
- Your mark will be (partly) based on how well the robot follows the path.

Project Info

- Starts September 30.
- Projects will be done in groups of 4 or 5.
- Will be divided into 5, two week periods (Tests):
 - Each period will have a team leader (different one each period).
 - Your group will need to hand in the sub-project 2 weeks after it has been assigned.
 - Each sub-project will be worth an equal amount.