

CS 763

Assignment 2 – Problem 1

Q1.)

Point sets belonging to the outer box in the given image:

A (844,677) B (958,534) C (1124,554) D (1058,719)

These points are marked in the following image.



Coordinated of the corresponding points in the other image are:

A'(0,44) B'(0,0) C'(18,0) D'(18,44)

Estimated dimensions of the Football ground: **80.79 X 70.04** yards

Homography matrix is stored in the output folder

The above dimensions are calculated simply by finding the corresponding points of corners of the field and then measured the dimensions by calculating the Euclidean distance between the points.