

Journal of Krishna Chaithanya Palavarapu for Fall'07

1 Week 1, september 18, 2007

I have read the handout given by Dr. Martin. I tried to understand what Dr. Martin explained about the project on Tuesday meeting. I, Sruthi and Rob met on Wednesday and discussed about the project, We concluded with an idea. I met Dr. Martin on Thursday and told our idea. But that didn't work. Dr. Martin explained me how to find the projection on the plane. I prepared for the presentation on Monday meeting.

2 Week 2, september 25, 2007

This week our group started implementing the code to generate the useful points. I have given a task to find the coefficients using Python programming. I am almost done with it. I, Sruthi and Rob met and helped each other. I prepared for the presentation on the Monday meeting.

3 Week 3, October 2, 2007

This week We have started working on generating the plot using python code which creates a postscript file. I have started learning postscript. I tried to understand the two files Dr Martin sent me.

4 Week 4, October 8, 2007

This week we are done with generating the plot of points. Dr Martin helped me in doing this. I went through the code that all group members wrote and executed it. I Prepared for the presentation on Monday meeting.

5 Week 5, October 15, 2007

This week we have modified our code to get better pictures and more useful points. We have done this by filtering angles and calculating inner product of rank 2 tensors. And we counted how many points we kept by excluding the points which make angle more than $\pi/4$ with the original plane.

6 Week 6, October 22, 2007

This week we have planned to generate useful points and filter those points which are not useful. We have done this by generating points between two basepoints, homotopy points, and a random walk. I have given the task to generate the points on the line. I have done this with the help of Dr Martin. I prepared for the presentation on the Monday meeting.

7 Week 7, October 29, 2007

This week Dr Martin have given us a task to write a Minimal Cover algorithm to discard those points which are already covered on the plane. But we didn't find any solution for that, so we tried for trimming the point which have been covered and wrote code for the trim cover.

8 Week 8, November 5, 2007

This week I have prepared for the final presentation on Wednesday. I have prepared the slides for the presentation. I, Sruthi and Rob met and discussed

about the presentation. Dr Martin explained us what points we have to present clearly.