Meeting Minutes

12/14/2020   15:30 – 16:45

CM/TM: Dr. Honggang Zhang
Students: Zhuoming Huang, Yue Sun, Alinson Sanquintin, Lucas Lomba

- **Agenda**

  1. SAR Experiments Related

- **Notes**

  1. SAR Experiment related

     a. Alinson keeps researching on tools for creating CAD models

     b. Construct surface from 3D point cloud

        i. if we can find a function of the surface, we can find corresponding y-values for specific (x, z)

        ii. for each testing point, if there is a single y-value, keep this point, if there are multiple y-values, compare those y-values, keep the point if it is the one in the front (smallest).

- Follow-up

  1. Alinson found two open-source 3D data visualization software that can be used interchangeably with MATLAB

     a. Mayavi

     b. Plotly