

Extra Credit

This is an extra credit assignment. The assignment is worth 10 points and will be distributed to the category in your grade that benefits you the most, i.e. the 10 points could be added to HW, Exams, or Project. This extra credit is due **Wednesday, November 28th** in class

Topological Data Analysis

1. Watch the video, <https://www.youtube.com/watch?v=h0bnG1Wavag>
2. Read the article, <https://files.eric.ed.gov/fulltext/EJ1149275.pdf>
3. Perform the techniques discussed in the video and article on the data set, NYC_Collisions. This is a data set of all NYPD reported collision between 6AM and 6PM on December 25, 2017.
4. Discuss any possible geometric/topological features that this dataset contains.