

1125-H5-181 **Mike May*** (maymk@slu.edu). *Building and Using GeoGebra Books in Calculus*. Preliminary report.

GeoGebra is a free, cross platform application for exploring and visualizing mathematics that can be used through most lower division courses. There is a large online repository of approximately a half million free activities and materials. A GeoGebra Book is a collection of materials, either created by the book author or collected from the archive. This talk looks at building an using such a book in single variable calculus for in class visualizations, for student explorations, and for out of class student explorations. (Received August 09, 2016)