Applied Mathematics Seminar
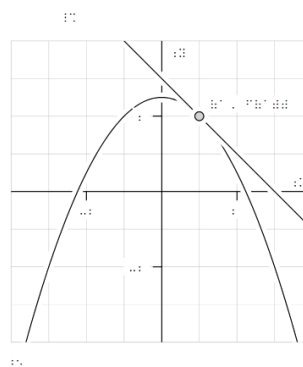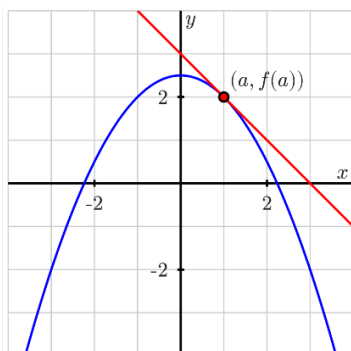

Dr. David Austin – GVSU Math

Friday, January 23   1-1:50pm

MAK A-2-610 (PCS) or [via zoom](#) (request password from ortizron at gvsu dot edu)

Creating accessible diagrams with PreFigure

Abstract: While mathematical diagrams are an essential part of mathematical communication, incorporating diagrams into mathematical documents, such as papers, books, and homework, can be challenging. The problem becomes even more difficult in light of accessibility requirements (WCAG 2.1 AA) that take effect in April. This talk will introduce PreFigure, a software package that facilitates the creation of accessible mathematical diagrams. By writing a semantic description of a diagram, one may create an annotated SVG for including on the web, a PDF for including in print, or a tactile diagram suitable for embossing as part of a braille document. PreFigure is the graphical component of the authoring system PreTeXt. This will be an interactive presentation so bring a device and some diagrams you would like to create!

More info: http://bit.ly/applied-math-seminar

**Hosted by the Mathematics Department, GVSU