1125-D5-3052

Cesar Martínez-Garza^{*} (cxm58@psu.edu), Penn State Berks, Tulpehocken Road, P.O. Box 7009, Reading, PA 19610. Through the Looking Glass: a collage of images that adds character to mathematical concepts in Calculus courses.

This presentation will expose images that the author has concocted (generally on the spot) to exemplify or add some color and dimension to mathematical concepts while teaching undergraduate Calculus courses. A little bit of humor can help students focus on concepts that they might find intimidating upon initial exposure. As such, a chimpanzee with a one-button calculator can easily replace a summation operator, and the process of using the limit definition to find a derivative can be analogous to the "Hunger Games", provided District 13 does not exist. Then, there is the Blue Hell of the people who divide by zero... That one is not funny, but it is as intimidating as it sounds. (Received September 20, 2016)