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Tim Chartier* (tichartier@davidson.edu), P.O. Box 6908, Department of Mathematics,
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Mathematical material is often enhanced with connections to the real world. Computer graphics is an area that applies to such classes as Finite Math, Calculus, Linear Algebra, and Differential Equations. This talk will illustrate how computer graphics can enhance a mathematical lesson. Students can create their own Instagram effects with linear algebra and understand the role of differential equations in computer generated images. From image processing to special effects, the field of computer graphics offers a treasure chest of applications that can enhance a mathematical classroom - for the instructor and student. (Received August 17, 2012)