

1014-Z1-1659      **Mohamed Allali\*** ([allali@chapman.edu](mailto:allali@chapman.edu)), One University Drive, Orange, CA 92802.  
*Approximate Contour Image Generation: A Project in Linear Algebra.*

Many realistic and interesting applications have already been incorporated into a standard Linear Algebra course. However, Digital Image Processing tools have not been used extensively in Linear Algebra. In this talk, I will show how the simple concept of Approximate Contour Image Generation can make it more visual and interesting for instructors and students. (Received September 28, 2005)