1023-J1-1306   **Mohamed Allali*** (`allali@chapman.edu`), Mohamed Allali, 2118 S. Cindy Place B, Anaheim, 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 25, 2006)