1035-M1-1342   **Mohamed Allali*** (`allali@chapman.edu`), 2118 S. Cindy Place B, Anaheim, CA 92802. *Singular Value Decomposition and Digital Image Processing.*

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 to use digital images to make the concept of Singular Value Decomposition more visual and interesting for instructors and students. (Received September 19, 2007)