

1046-Z1-1110      **Mohamed Allali\*** ([allali@chapman.edu](mailto:allali@chapman.edu)), One University Drive, Chapman University,  
Mathematics and Computer Science Department, Orange, CA 92866. *Digital Signal Processing in  
the Service of Mathematics Courses.*

In this talk, I will show through many practical and easy to implement examples how basic digital signal processing can be incorporated into many mathematics courses such as discrete mathematics and linear algebra. This approach makes the courses more visual and interesting for instructors and students. (Received September 14, 2008)