1014-J1-165   **Paul Raymond Bouthellier*** (`pbouthe@pitt.edu`), 504 East Main Street, Titusville, PA 16354.
The Modeling of a Remote Control using Flash-A Computer Application of the Use of Functions.

This talk uses the computer package Flash to illustrate the use of basic functions from developmental algebra courses. A Flash movie will be created to simulate a television's remote control and the corresponding TV screen. The remote control contains buttons such as: channel+, channel-, volume+, volume-, fast forward, fast reverse, slow (1/2 speed), x2 speed, and pause. Each of these buttons carries out a mathematical function which is discussed in class and then illustrated by the code in the Flash movie.

This example allows several functions to be discussed with an object that students are already familiar with. The programming allows the students to see the actual functions in use. (Received August 04, 2005)