

1014-Z1-109      **Benjamin G. Klein\*** (beklein@davidson.edu), Department of Mathematics, PO Box 6937,  
Davidson, NC 28035-6937. *Teaching Calculus with a Touchscreen Graphing  
Calculator*. Preliminary report.

A touchscreen graphing calculator which offers drag and drop capability from an algebraic representation in its computer algebra system to its graphical and tabular representations facilitates multiple representation of functions. This capability is particularly helpful in a beginning calculus course.

We will give a brief overview of the functionality of the graphing calculator and then show how it might be used in a calculus classroom. (Received August 10, 2005)