1056-R1-880 Leon Brin\* (brinl1@southernct.edu), Southern CT State University, Math Department, New Haven, CT 06515. Related Rates.

We will discuss how to solve related rates problems with 4 lines of CAS code. An examination of the code will reveal how the act of using the computer to solve such problems illuminates the process almost to the point of trivializing it (thus producing an "aha"). Similarly, we will explore other typical calculus problems which are atypically done with the aid of a computer. (Received September 18, 2009)