1046-X1-1927   **Doug Kuhlmann*** (`dkuhlmann@andover.edu`), 20 Hidden Field Rd, Andover, MA 01810.
Numerical Integration before Antidifferentiation.

For several years I have introduced numerical integration including the trapezoid rule, midpoint rule and Simpson's rule before studying antidifferentiation and indefinite integrals. Using a simple student written program on a TI-83/84, students can discover the Fundamental Theorem of Calculus. A major benefit is that students learn that a definite integral is a number, not a class of functions. (Received September 16, 2008)