

1067-Z1-1982 **Richard H Stout*** (richard.stout@gordon.edu), Department of Mathematics, Gordon College, Wenham, MA 01984. *Mr. Peacock's Calculus Text of 1820 and Its Place in Calculus Reform at Cambridge.*

The Cambridge mathematician George Peacock is perhaps best known for his work in changing the perception of the nature of algebra. However, in 1820, ten years before his algebra text appeared, Peacock published a work on calculus, *A Collection of Examples of the Applications of the Differential and Integral Calculus*. In this talk we'll consider how this book fit into the reform efforts of the student-led Analytical Society, founded in 1812, and also look at several examples from the text that help illustrate the nature of this early calculus reform movement at Cambridge. (Received September 22, 2010)