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William Zachary Wallace* (wzwallace1@catamount.wcu.edu). *Thomas Leybourn and The Mathematical Repository*. Preliminary report.

The introduction of Continental approaches to the calculus in early nineteenth-century Britain was a controversial and revolutionary process. The associated printing presses of mathematical journals were booming with different publications centered on traditional British mathematics. Thomas Leybourn, along with his companions at Royal Military Academy at Marlow, was one of the first mathematicians who introduced continental methods through the medium of journals during this Golden Age of printing. In this talk, we will discuss different elements of Leybourn's journal, *The Mathematical Repository*. These elements include how it was founded, its format, key contributors, the audience of the journal, and how it was influential to the adoption of continental calculus methods in early nineteenth-century Britain. (Received September 06, 2013)